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BULLETIN

Catalogue 1956-1957



Announcements For 1957-58

March, 1957
Monmouth, Illinois



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COLLEGE CALENDAR 1957-1958

FIRST SEMESTER

September 16, Monday, 1:30 p.m. Registration begins
September 17, 18, Tuesday & Wednesday Registration
September 19, Thursday Classes begin
November 27, Wednesday, 4:00 p.m. Thanksgiving recess begins
December 2, Monday, 7:40 a.m. College reopens
December 18, Wednesday, 4:00 p.m. Christmas recess begins
January 6, Monday, 7:40 a.m. College reopens
January 27-February 1 Semester examinations

SECOND SEMESTER

February 4, 5, Tuesday & Wednesday Registration
February 6, Thursday Classes begin
March 28, Friday, 4:00 p.m. Spring recess begins
April 7, Monday, 7:40 a.m. College reopens
June 2-June 6 Semester examinations
June 7, Saturday Alumni Day
June 8, Sunday Baccalaureate Day
June 9, Monday Commencement Day

THE SENATE

THE TRUSTEES

Term expires in June 1957:

Mrs. Charles P. Blair 803 E. Broadway, Monmouth, Illinois
John Service 2620 12th Avenue, Moline, Illinois
Chalmer Spiker 715 North 6th St., Monmouth Illinois

Term expires in June 1958:

Ivory Quinby 605 N. Sixth St., Monmouth, Illinois
Russell M. Jensen, M.D. 1515 E. Broadway, Monmouth, Illinois
W. Kenneth Addleman 524 North B St., Monmouth, Illinois

Term expires in June 1959:

Robert E. Acheson 4229 Grove Ave., Western Springs, Illinois
Donald G. Beste 1400 1st National Bank Building, Peoria, Illinois
John J. Kritzer 1336 E. Broadway, Monmouth, Illinois

THE DIRECTORS

FIRST GROUP

Term of office expires January, 1958:

Rev. John D. Simpson, D. D., LL. D., 4535 Church St.,
Skokie, Illinois Synod of Illinois
Robert C. Johnston, M. D., Aledo, Illinois Synod of Illinois
Rev. Zion Robbins, D. D., 1548 8th Avenue, Moline, Illinois .. Synod of Illinois
Rev. Jerome Schulz, 2307 Linden, Middeltown, Ohio Second Synod
Rev. Robert P. MacDonald, D. D., 405 S. 14th St.,
Richmond, Indiana Second Synod
Rev. Milton Boos, R. No. 8, Greensburg, Indiana Second Synod
Roger K. Ghormley, 720 South 33rd St., Lincoln 8, Nebraska .Nebraska Synod
Robert C. Downie, 201 Parkway Dr., Pittsburgh 16, Pa. Alumni
Homer Denniston, 1121 Monroe Dr., Newton Iowa Alumni
William C. Pine, 3755 Brewster Road, Dearborn, Michigan Alumni

SECOND GROUP

Term of office expires January, 1959:

Rev. J. J. Vellenga, Th. D., D. D., 1040 E. Third Ave.,
Monmouth, Illinois Synod of Illinois

Rev. Richard W. Braun, 8804 Lynnwood Place, St. Louis 21, Missouri	Synod of Illinois
Richard E. Holmes, 8512 W. Blue Mound Road, Wauwatosa, Wisconsin	Synod of Illinois
Paul Routsong, 2039 Hempstead Rd., Dayton 10, Ohio	Second Synod
Rev. James M. Guthrie, D. D., 707 W. Nelson St., Marion, Indiana	Second Synod
Rev. Vernon Butler, Ph. D., 1156 Grafton Ave., Dayton 5, Ohio	Second Synod
Rev. W. J. Grossman, D. D., 5612 Jackson St., Omaha, Nebraska	Second Synod
Rev. Clifford S. Ramsdale, Route 1, Box 106, LeClaire, Iowa	Keokuk Presbytery
Professor George A. Graham, Ph. D., 25 Campbelton Circle, Princeton, New Jersey	Alumni
Desmond Long, 750 North 11th Street, Monmouth, Illinois	Alumni
Kenneth M. Snodgrass, 2253 Bellaire Street, Denver 7, Colorado	Alumni

THIRD GROUP

Term of office expires January, 1960:

James White, Sparta, Illinois	Synod of Illinois
Rev. E. Joe Vandervort, D. D., Kirkwood, Illinois	Synod of Illinois
H. V. Main, 1912 Alta Vista, Munster, Indiana	Synod of Illinois
Rev. Walter C. Scott, Belle Center, Ohio	Second Synod
Paul I. Miller, M. A., 6011 N. Rosslyn Avenue, Indianapolis, Indiana	Second Synod
Rev. William I. Graham, 215 E. Church Street, Xenia, Ohio ..	Second Synod
Willard Reid, 423 Lake Street, Fort Morgan, Colorado	Nebraska Synod
Mabel Bowman, 707 N. 11th Street, Monmouth, Illinois	Alumni
Paul M. Barnes, 6044 N. Lake Dr., Milwaukee 17, Wisconsin	Alumni
Frederick C. Foster, Jr., Ph. D., R. F. D. 1, Canal Fulton, Ohio	Alumni

OFFICERS OF THE SENATE

Robert W. Gibson	President
Wendell F. Whiteman	Secretary

OFFICERS OF THE TRUSTEES

Robert W. Gibson	President
Wendell F. Whiteman	Secretary

COMMITTEES OF THE TRUSTEES

EXECUTIVE—Dr. Robert W. Gibson, Ivory Quinby, Donald Beste, John J. Kritzer.

FINANCE—Ivory Quinby, Kenneth Addleman, Chalmer Spiker, Mr. Cain, Business Manager.

ATHLETIC BOARD—Dr. Robert W. Gibson, Russell Jensen, M. D., W. K. Addleman, Mr. Cain.

TEACHERS AND INSTRUCTION—Dr. Robert W. Gibson, John J. Kritzer, Russell M. Jensen, M. D., Mrs. Charles P. Blair

BUILDINGS AND GROUNDS—Donald Beste, Mrs. Charles P. Blair, John Service, Robert Acheson, Mr. Cain, Business Manager.

AUDITING—Kenneth Addleman, Ivory Quinby, Mr. Cain, Business Manager.

SCHOLARSHIP—Mrs. Charles P. Blair, Chalmer Spiker.

DEVELOPMENT COMMITTEE

TRUSTEES: Robert Acheson, Chairman; Mrs. Charles Blair, John Service.

FACULTY: Lyle W. Finley

STUDENT BODY: Jerome Hatch.

MONMOUTH ASSOCIATES: Dr. O. E. Sterett, George Thorbeck.

ALUMNI BOARD: Robert Rawson.

EX-OFFICIO: The President, Business Manager, and Public Relations Director of Monmouth College.

OFFICERS OF ADMINISTRATION

ADMINISTRATION

Robert W. Gibson, A. B., B. D., D. D., LL. D.	President
Hugh R. Beveridge, A. B., A. M., Ph. D.	Dean of the College
Jean Esther Liedman, A. M., Ph. D.	Dean of Women
John J. Ketterer, B. S., Ph. D.	Dean of Men
Mrs. H. A. Loya	Secretary to President
Marilyn Greenstreet	Secretary to Dean of Women

BUSINESS OFFICE

Harlan E. Cain, A. B.	Business Manager
Dorothy E. Whaling	Comptroller
Lois Blackstone	Treasurer
Mrs. H. A. Loya	Secretary to Business Manager
Mrs. Fred Huss	Secretary to Comptroller
Mrs. Lyman White	Receptionist

ALUMNI, DEVELOPMENT, AND PUBLIC RELATIONS OFFICE

David D. Fleming, A. B.	Director of Development
L. Del Bowker, A. B., LL. B.	Alumni Secretary
Fern Cramer, B. S. E.	Alumni Records Supervisor
Grace Thompson, A. B.	Office Assistant
Mrs. Maurice See	Secretary
Mrs. Gene Hennenfent	Secretary

ADMISSIONS OFFICE

Robert M. Runde, B. S., M. A.	Director
Barbara Tait, A. B., (924 Courtland, Park Ridge, Illinois Phone: Talcott 3-9210)	Admissions Counsellor
Richard H. Commers, B. S., M. S.	Admissions Counsellor
Nancy O. Humphrey	Secretary

REGISTRAR'S OFFICE

Margaret Beste, A. B.	Registrar
----------------------------	-----------

LIBRARY

Mary E. McCoy, A. B., B. S. in L. S.	Librarian
Mrs. John Bradford, A. B., B. S. in L. S.	Assistant Librarian
Harriet Kyler Pease, B. S.	Art Librarian
Mrs. Allen Morrill, A. B., M. A.	Assistant

HEALTH SERVICE

James Ebersole, M.D. Medical Director
 James Marshall, M.D. Medical Director
 Virginia Johnson, R.N. College Nurse

DORMITORIES

Mrs. R. E. Barnard House Director, McMichael Hall
 Mrs. C. O. Burgess House Director, Grier Hall
 Mrs. L. A. Johnson House Director, Winbigler Hall
 Mrs. J. A. McMasters House Director, Sunnyside
 Mr. and Mrs. Frank W. Phillips House Directors, Fulton Hall

SAGA FOOD SERVICE

Wade Snell Director

MAINTENANCE

Gerhardt Carlsen Superintendent of Buildings and Grounds
 Mrs. C. O. Burgess Director of Housekeeping

THE MONMOUTH COLLEGE ALUMNI ASSOCIATION

BOARD OF DIRECTORS

Term expires June, 1957:
 Mrs. James G. Manor James Tippet Wendell F. Whiteman
 Term expires June, 1958:
 Max Armstrong Robert T. Rawson Louise R. Campbell
 Term expires June, 1959:
 James Mc Cracken Neal Sands Mrs. James Speer
 Dean Robb George Berry
 Term expires June, 1960:
 James Tippet Mrs. Lowell Barr Dallas Brown
 Mrs. J. S. Cleland Howard Hunter

OFFICERS OF THE BOARD

President Robert Rawson
 Vice President Max Armstrong
 Secretary-Treasurer Louise Campbell
 Executive Secretary L. Del Bowker

THE FACULTY

ROBERT WESSON GIBSON, President, 701 East Broadway.

A. B., Muskingum College, 1918; Ohio State University, summer, 1918; Pittsburgh Theological Seminary, B. D., 1921; D. D., Westminster College, 1934; LL. D., Sterling College, 1951. Monmouth, 1952.

PROFESSORS EMERITUS

JAMES HARPER GRIER, President Emeritus, Claremont California.

A. B., Westminster College, 1902; A. M., *ibid.*, 1905; Pittsburgh Theological Seminary, 1909; D. D., Westminster College, 1922; LL. D., Westminster College, 1937; LL. D., Monmouth College, 1943; teaching and study, Assuit College, Egypt, 1902-1905; Professor of Greek, Westminster College, 1905-1906; Professor Old Testament Language and Literature, Pittsburgh Theological Seminary, 1922-1926. Monmouth, 1936.

EVA LOUISE BARR, Professor of German and Spanish, Emerita, 233 East Second Avenue.

B. S., Monmouth College, 1892; A. B., Goucher College, 1896; A. M., University of Washington, 1908; L. H. D., Monmouth College, 1942; Universities of Gottingen and Munich, 1904-1905; Fellow in German, University of Washington, 1907-1908; student in France and Spain, 1918-1920; National University, Mexico City, summers, 1921, 1922; European travel and study, summers 1924, 1934, 1937; The German Summer School, Mt. Holyoke College, 1929; Professor Emerita, 1940. Monmouth, 1915.

EMMA GIBSON, Professor of Latin, Emerita, Glendale, California.

Ph. B., Colorado State Teachers College, 1908; A. B., University of Nebraska, 1912; A. M., Columbia University, 1916; Graduate student, University of Chicago, summers, 1924, 1925, 1933; European study at Sienna, Italy, and in the American Academy in Rome, and travel, 1929-1930; Ohio State University, summer, 1935. Monmouth, 1920.

WILLIAM S. HALDEMAN, Professor of Chemistry, Emeritus, 228 South Eighth Street.

Graduate, Keystone State Teachers College, 1904; University of Pennsylvania, 1914; A. M., Harvard University, 1920; Graduate work, University of Illinois, summers, 1920, 1921, 1922, 1925; Research Chemist, U. S. Industrial Chemical Company, summers, 1927, 1928, 1929; University of California, summer, 1932. Monmouth, 1918.

MARY INEZ HOGUE, Professor Emerita, Claremont, California.

B. A., Monmouth College, 1898; M. A., *ibid.*, 1926. Monmouth, 1923.

FRANCIS MITCHELL McCLENAHAN, Professor of Geology, Emeritus, Tucson, Arizona.

A. B., Tarkio College, 1896; A. B., Yale University, 1900; A. M., *ibid.*, 1901; LL. D., Tarkio College, 1946; University of Chicago, summers, 1897, 1905, 1911; Yale University, 1900-1903; 1905-1906; Fellow, Mellon Institute, 1916-1918; Professor Emeritus, 1949. Monmouth, 1924.

EDNA BROWNING RIGGS, Associate Professor of Music, Emerita, Maple Terrace Apartments, South A Street.

Graduate in Classical and Music Courses, Denison University, 1896; Piano with Carl Faelton; Theoretical subjects with Dr. Percy Goetchius and Louis C. Elson, Boston, 1906-1907; Piano and Advanced Theory, Beloit College, 1897-1899; Piano with Edward MacDowell, New York, 1899-1900; B. Mus., and Graduate in Organ, College of Wooster, 1913; study in Europe 1906-1907; also summer of 1909 in Europe; Master classes of Abram Chasins, New York, summers of 1935 and 1937. Monmouth, 1917.

PROFESSORS

HUGH R. BEVERIDGE, Dean of the College and Professor of Mathematics, 1043 East Detroit Avenue.

B. S., Monmouth College, 1923; A. M., University of Illinois, 1927; Ph. D., *ibid.*, 1929. Monmouth, 1929.

EVA H. CLELAND, Professor of English, 903 East Broadway.

A. B., Washington State College, 1919; A. M., *ibid.*, 1925; Graduate student, University of California, summer, 1928; University of Michigan, summer, 1932; University of Chicago, summer, 1933; European travel and Cambridge University, summer, 1936. Monmouth, 1923; 1951.

FRANCIS GARVIN DAVENPORT, Professor of History, 723 East Archer Avenue.

A. B., Syracuse University, 1927; A. M., *ibid.*, 1929; Ph. D., Vanderbilt University, 1936; Fellow, University of Illinois, 1928-1930; Fellow, Vanderbilt University, 1936; Social Science Research Council Fellow, 1941-1942; Colgate University, 1945-1946. Monmouth, 1947.

DOROTHY DONALD, Professor of Spanish, 903 East Broadway.

A. B., Indiana University, 1921; A. M., *ibid.*, 1929; Ph. D., University of Wisconsin, 1941; Middlebury College, summer, 1923; residence in Madrid, Spain, 1929-1931; Centro de Estudios Historicos, 1929-1930; Universidad Nacional de Mexico, summer, 1935; travel in Central America and Columbia, summer, 1946; and in Mexico, summer, 1948; Universite Laval, Quebec, summer, 1952. Monmouth, 1932.

LYLE W. FINLEY, Professor of Physics, 1103 East Detroit Avenue.

A. B., Monmouth College, 1924; A. M., University of Illinois, 1925; University of Chicago, summer, 1927; University of Colorado, summer, 1929; University of Illinois, summer, 1935; Cornell University, 1939-1940; summers, 1936, 1937. Monmouth, 1931.

RALPH PAUL FRAZIER, Professor of Biology, 324 North Tenth Street.

A. B., Colorado College of Education, 1929; M. A., *ibid.*, 1941; *ibid.*, summer, 1944; Colorado State College A. and M., 1937-1938; University of California, 1946-1947; Hopkins Marine Station, Pacific Grove, California, summer, 1947; Ph. D., University of Illinois, 1956. Monmouth, 1947.

JAMES R. HERESLEB, Professor of Economics and Business Administration, 310 East Detroit Avenue.

B. A., College of the Pacific, 1947; M. A., Temple University, 1949; LL. B., School of Law, Temple University, 1949; Graduate School, Byrn Mawr College, 1956. Monmouth, 1956.

THOMAS HOFFMAN HAMILTON, Professor of Appreciation of Art, 900 East Euclid Avenue.

A. B., Monmouth College, 1907; A. M., University of North Carolina, 1922; University of Chicago, summers, 1934, 1935, 1936, 1937; Columbia University, 1917-1918; Alliance Francaise, Paris, 1919; University of North Carolina, 1920-1922; Harvard, 1923-1925; Research, Library of British Museum, 1928; Library of Congress, 1946. Monmouth, 1932.

JEAN ESTHER LIEDMAN, Dean of Women, Professor of Speech, 813 East Broadway.

A. B., Monmouth College, 1927; A. M., University of Wisconsin, 1935; Ph. D., *ibid.*, 1949; University of Pittsburgh, summers, 1929, 1930; University of Colorado, summer, 1936; University of Southern California, summer, 1947. Monmouth, 1936.

HEIMO LOYA, Professor of Music, 1010 East Broadway.

B. M., Chicago Musical College, 1936; A. B., Monmouth College, 1938; M. A., University of Iowa, 1941; Violin with Max Fischel, Composition and Orchestration with Louis Gruenberg Composition with Wesley La Violette, Counterpoint with Gustav Dunkelberg, Conducting with Rudolph Ganz and Christian Lyngby; University of Iowa, summers of 1938, 1939, 1940, 1955; University of Colorado, summers, 1948, 1950, 1953; Chicago Musical College, summer, 1949. Monmouth, 1936.

ALLEN CONRAD MORRILL, Professor of English, 1109 East Broadway.

A. B., Brown University, 1926; M. A., *ibid.*, 1928; M. A., Harvard University, 1932; Ph. D., *ibid.*, 1937. Monmouth, 1953.

ALBERT NICHOLAS, Professor of Education, 117 South Fifth Street.

A. B., Carthage College, 1922; University of Illinois, summer sessions, 1931, 1932, 1933; A. M., University of Illinois, 1933; University of Colorado, summer session, 1941. Monmouth, 1948.

FRANK W. PHILLIPS, Professor of Education, Fulton Hall.

A. B., Illinois College, 1911; M. A., University of Chicago, 1938; University of Illinois, summer, 1915; University of Chicago, summers, 1921, 1933-1938. Monmouth, 1922-1925, 1946.

HAROLD JAMESON RALSTON, Professor of Classics, 725 East Archer Avenue.

A. B., Tarkio College, 1922; A. M., *ibid.*, 1923; Th. B., Pittsburgh Theological Seminary, 1927; M. A., Princeton University, 1928; Ph. D., State University of Iowa, 1930; University of Pittsburgh, 1926-1927; University of Chicago, summer, 1938. Monmouth, 1946.

GLENN E. ROBINSON, Professor and Director of Physical Education and Athletic Director, 514 North Ninth Street.

B. S., Monmouth College, 1932; A. M., University of Illinois, 1941; University of Iowa, summer, 1932; Butler University, summer, 1935; active duty, U. S. Naval Reserve, April, 1943 to November, 1945; Armed Guard Duty; Professional Diploma degree, Columbia University, 1952; Columbia University, summer, 1947, 1949. Monmouth, 1941.

MADGE STEWART SANMANN, Professor of Sociology, 315 South Fifth Street.

A. B., Monmouth College, 1921; B. S., University of Illinois, 1923; A. M., Northwestern University, 1940; Ph. D., *ibid.*, 1948; University of Chicago, 1949. Monmouth, 1949.

CHARLES J. SPEEL, II., Professor of Bible and Religion, 225 South Ninth Street. Muskingum College, 1934-1936; A. B., Brown University, 1939; S. T. B., Harvard University, 1949; S. T. M., *ibid.*, 1950; Ph. D., *ibid.*, 1956; Monmouth, 1951.

GARRETT W. THIESSEN, Pressly Professor of Chemistry, 408 North Tenth Street.

A. B., Cornell College, 1924; M. S., University of Iowa, 1925; Ph. D., *ibid.*, 1927. Monmouth, 1930.

SAMUEL W. THOMPSON, Professor of Philosophy, 1031 East Detroit Avenue. A. B., Monmouth College, 1924; A. M., Princeton University, 1925; Ph. D., *ibid.*, 1931. Monmouth, 1926.

ASSOCIATE PROFESSORS

PAUL CRAMER, Associate Professor of Mathematics and Engineering, 732 East Second Avenue.

A. B., Illinois College, 1925; M. A., University of Illinois, 1926; University of Chicago, summers, 1932, 1933; Assistant, University of Illinois, 1928-1930; 1934-1935. Monmouth, 1946.

BERNICE L. FOX, Associate Professor of English, 615 South Eighth Street.

A. B., Kentucky Wesleyan College, 1932; graduate assistant in English, University of Kentucky, 1933-1936; M. A., *ibid.*, 1934; teaching and research fellowship in English, Ohio State University, 1936-1941. Monmouth, 1947.

CARL WESLEY GAMER, Associate Professor of Political Science, 611 North B Street.

Ph. B., University of Chicago, 1922; S. T. B., Boston University, 1925; M. A., University of Illinois, 1937; Ph. D., *ibid.*, 1940; First University World Cruise, 1926-1927; Institute for International Studies, Geneva, Switzerland, summer, 1927; European study, 1939-1939. Monmouth, 1946.

ADELE KENNEDY, Associate Professor of English, 813 East Broadway.

B. A., University of Iowa, 1927; M. A., *ibid.*, 1928; University of Iowa, summer, 1930; Columbia University, summer, 1937; European study and travel, 1931; University of Iowa, summer, 1947. Monmouth, 1946.

CHARLES LARSON, Associate Professor of Physical Education, 1033 East Boston Avenue.

B. S., Culver Stockton College, 1941; University of Illinois, 1944-1946; Bradley University, 1955-1956. Monmouth, 1956.

MARY E. MCCOY, Librarian, 800½ East First Avenue.

A. B., Monmouth College, 1913; Simpson College, summer school, 1917, 1918; University of Iowa, Library School, summer, 1930; B. S., in L. S., Western Reserve University School of Library Science, 1936. Monmouth 1936.

BENJAMIN T. SHAWVER, Associate Professor of Chemistry, 121 South Tenth Street.

B. S., Parsons College, 1932; M. A., Columbia University, 1950; Ed. D., *ibid.*, 1952; Instructor in Science, Assiut College, Assiut, Egypt, 1932-1937; Graduate student in Chemistry, Columbia University, 1938-1940, 1949-1951;

Army of the United States, March, 1941 to February, 1946. Monmouth, 1946.

ALICE MCKIM WALKER, Associate Professor of Economics and Business Administration, 409 South Eighth Street.

B. S., University of Iowa, 1922; M. A., University of Chicago, 1927; University of Chicago, 1934-1935; summer, 1947; Northwestern University, 1950-1951. Monmouth, 1953.

DONALD LEE WILLS, Associate Professor of Geology, 323 North Tenth Street.

B. S., University of Illinois, 1949; M. S., University of Illinois, 1951; Monmouth, 1951.

ROBERT GEORGE WOLL, Associate Professor of Physical Education, 813 East Third Avenue.

B. S., Monmouth College, 1935; M. S., University of Illinois, 1941; University of Illinois, summers, 1937, 1938, 1940. Monmouth, 1935.

ASSISTANT PROFESSORS

ELWOOD H. BALL, Assistant Professor of Music, 114 South Fourth Street.

B. Mus., University of Michigan, 1947; M. Mus., (Music Theory), *ibid.*, 1952; summer session, *ibid.*, 1947, 1948, 1949; Graduate work in residence, *ibid.*, 1950-1953; Teaching Fellow, 1951-1953; Organ with Palmer Christian, Marilyn Mason and Robert Baker. Director of Music, St. Mark's Methodist Church, Detroit, 1947-1948. Organist, First Methodist Church, Salem, Oregon, 1949-1950. Monmouth, 1953.

ANNE MAYOR BRADFORD, Assistant Librarian, 409 South Eighth Street.

A. B., Monmouth College, 1935; B. S., in L. S., University of Illinois, 1948; Monmouth, 1945-1946; Library School, University of Iowa, summer, 1930. Monmouth, 1950.

ROBERT H. BUCHHOLZ, Assistant Professor of Biology, 915 East First Avenue.

B. S., Fort Hays State College, 1949; M. S., Kansas State College, 1950; Ph. D., University of Missouri, 1957. Monmouth, 1950.

MARY BARTLING CROW, Assistant Professor of History, 204 East Archer Avenue.

A. B., Monmouth College, 1941; Ph. M., University of Wisconsin, 1945; University of Wisconsin, summer, 1942. Monmouth, 1946.

JAMES P. DUNN, Assistant Professor of Music, 403 North Ninth Street.

B. S., A. B., Bowling Green State University, 1949; M. M., University of Michigan, 1952; summers, *ibid.*, 1952, 1953. Monmouth, 1954.

MARTHA METZGER HAMILTON, Assistant Professor of Art and Home Economics, 900 East Euclid Avenue.

B. A., University of North Carolina, 1923; M. Ed., Harvard University, 1932; Harvard Graduate School for Education, 1923-1925; Simmons College, 1924-1925; Research, Library of British Museum, 1928; University of Chicago, summers, 1934, 1935, 1936, 1937. Monmouth, 1937.

JOHN JOSEPH KETTERER, Dean of Men and Assistant Professor of Biology, 815 East Broadway.

B. S., Dickinson College, 1943; Ph. D., New York University, 1953. Monmouth, 1953.

MARY-ELEANOR MAULE, Assistant Professor of Spanish, 128 South Eighth Street.

B. A., University of Arizona, 1941; Ph. D., University of Wisconsin, 1956. Monmouth, 1956.

JACK MILLS, Assistant Professor of Speech, 520 North Ninth Street.

A. B., University of Florida, 1946; M. A., University of Florida, 1948; Ph. D., University of Illinois, 1957. Monmouth, 1951.

JOHN WILEY PRUGH, Assistant Professor of Bible and Religion, 309 East Broadway.

A. B., Monmouth College, 1941; B. D., Pittsburgh-Xenia Seminary, 1944; University of Edinburgh, 1953-1955; Monmouth, 1955.

WILLIAM LLOYD TAYLOR, Assistant Professor of Chemistry, 316 South Tenth Street.

A. B., Bethany Nazarene College, 1949; Tulane University, 1949-1950; Ph. D., University of Kansas, 1954. Monmouth, 1956.

INSTRUCTORS

MARGARET C. BESTE, Registrar, 316 North Third Street.

A. B., Wheaton College, 1940. Monmouth, 1949.

ERIKA BLAAS, Instructor in German, 122 South 4th Street.

Ph. D., University of Innsbruck, Austria, 1949; Fulbright Fellow, University of Wisconsin, 1950-1951; Monmouth, 1956.

ELAINE CRAY, Instructor in Music, 718 East Archer Avenue.

B. M., Chicago Musical College, 1952; M. M. *ibid.*, 1953; Royal Conservatory of Music, Toronto, Canada, 1954; Juilliard School of Music, 1955-56. Monmouth, 1953-55, 1956.

DAVID D. FLEMING, Instructor in Journalism, 1115 East Detroit Avenue.

A. B., Monmouth College, 1946. Monmouth, 1946.

KENNETH GOULD, Instructor in Physical Education, 317 East Broadway.

A. B., Monmouth College, 1953; M. A., State University of Iowa, 1954; summer, *ibid.*, 1954. Monmouth, 1954.

ARCHIE J. HARRIS, Instructor in Physical Education, 223 North B. Street.

B. S., Gustavus Adolphus College, 1950; M. A., State University of Iowa, 1952. Monmouth, 1954.

IRENE KISTLER, Instructor in Home Economics, 409 North Third Street.

B. S., University of Illinois, 1928. Monmouth, 1953.

BERNADINE MINGS, Instructor in Physical Education, Roseville, Illinois.

B. S., University of Illinois, 1948; Monmouth, 1955.

ELEANOR D. MORRILL, Library Assistant, 1109 East Broadway.

A. B., Whitman College, 1929; University of Idaho, summer, 1931; M. A., Radcliffe College, 1937. Monmouth, 1954.

FRED M. MULLETT, Instructor in German and French, 203 South Fourth Street. A. B., University of Missouri, 1948; M. F. S., University of Maryland, 1950; graduate study, University of Zurich (Switzerland), 1948-1949, University of Missouri, 1951-1953. Monmouth, 1955.

HARRIET KYLER PEASE, Instructor in Art, 700 East Broadway.

B. S., Monmouth College, 1929; Graduate in Voice, Monmouth College, 1914; Diploma, New York School of Fine Arts, 1917; summer session, Harvard, 1934; University of Chicago, 1935; Columbia University, 1937, 1938, 1939, summers; University of Wisconsin, 1942; European travel, summer, 1936. Monmouth, 1931.

GRACE GAWTHROP PETERSON, Instructor in Music, 112½ West First Avenue.

Graduate, Monmouth College Department of Music, 1922. Monmouth, 1922.

ROBERT RUNDE, Director of Admissions, 205 North Ninth Street.

B. S., George Williams College, 1943; M. A., University of Chicago, 1950. Monmouth, 1955.

CAROLE J. WIDULE, Instructor in Physical Education, 116 North C. Street.

B. S., Monmouth College, 1952; M. S., MacMurray College, 1954, Monmouth, 1953.

PARKER R. ZELLERS, Instructor in Speech, 612 Inverness Lane.

B. A., Emerson College, 1950; M. A., Indiana University, 1956. Monmouth, 1956.

COMMITTEES OF THE FACULTY

ADVISORY: Mr. Thompson, Mr. Finley, Miss Donald.

ATHLETICS: Mr. Beveridge, Mr. Frazier, Mr. Thiessen, Mr. Phillips, Mr. Woll, Mr. Robinson, Mr. Cain.

BUILDINGS AND GROUNDS: Miss Liedman, Mr. Cramer, Mr. Gould, Mr. Wills, Mr. Carlsen.

CHRISTIAN ASSOCIATIONS: Mr. Speel, Mr. Dunn, Mr. Gamer, Miss Widule, Mr. Prugh.

COMMENCEMENT AND ACADEMIC OCCASIONS: Mr. Finley, Miss Beste, Mrs. Crow, Miss Maule, Mr. Zellars, Mr. Ball, Miss Pease.

CONCERT-LECTURE: Mr. Loya, Mr. Ball, Mr. Morrill.

CURRICULUM: Mr. Beveridge, Mr. Davenport, Miss Donald, Mr. Finley, Mr. Morrill, Mr. Phillips, Mr. Ralston.

DEVELOPMENT: Mr. Finley, Mr. Shawver, Mr. Dunn, Mr. Prugh, Mrs. Cleland, Mr. Fleming.

FACULTY STUDENT UNION: Miss Liedman, Mrs. Cain, Mr. Ketterer.

FOUNDATIONS: Mr. Davenport, Mr. Speel, Mr. Buchholz, Mr. Thiessen, Mr. Fleming.

HONORARY DEGREES: Mr. Beveridge '57, Miss Donald '58, Mr. Ralston '59.

LIBRARY: Miss Donald, Miss Kennedy, Mr. Davenport, Mr. Speel, Mr. Finley, Mr. Shawver, Miss McCoy.

LONG RANGE PLANNING: 1957: Mrs. Cleland, Mr. Gamer, Mr. Mills.
1958: Mr. Thompson, Mr. Morrill, Miss Kennedy.
1959: Mr. Shawver, Mr. Ball, Miss Fox.

MIDWEST COLLEGE CONFERENCE: 1956: Mr. Morrill, Mr. Nicholas.
1957: Mr. Shawver, Mr. Speel.
1958: Mr. Wills, Mr. Mills.

SCHOLARSHIPS AND ADMISSIONS: Mr. Beveridge, Mrs. Blair, Mr. Runde, Mr. Spiker, Mr. Ralston, Mr. Cain, Mr. Thompson.

SOCIAL LIFE: Miss Liedman, Mr. Ketterer, Mrs. Bradford, Mr. Fleming, Mrs. Hamilton, Mr. Mills, Mr. Mullett, Miss Widule.

STUDENT AFFAIRS: Mr. Beveridge, Miss Liedman, Mr. Nicholas, Mr. Ketterer, Mrs. Sanmann.

STUDENT-FACULTY: Mr. Beveridge, Miss Liedman, Mr. Ketterer, Miss Donald, Mr. Morrill.

SUMMER SCHOOL AND EXTENSION: Mr. Loya, Mr. Herbsleb, Mr. Phillips, Mr. Ralston, Mr. Beveridge.

The President is *ex-officio* a member of all committees.

CALENDAR OF EVENTS

SEPTEMBER, 1956

- 17 Semester Begins
- 22 Football: Ripon
- 23 Vespers
- 23 YWCA Initiation
- 29 Football: Carleton

OCTOBER, 1956

- 6 Football: Cornell
- 7 Vespers
- 13 All-School Picnic
- 13 Football: Knox
- 19 Concert-Lecture Series: Dudley Craft Watson
- 25-27 Crimson Masque Play: "The Hasty Heart"
- 27 Parents' Day
- 27 Football: St. Olaf

NOVEMBER, 1956

- 3 Football: Coe
- 4 Vespers
- 10 Homecoming—Football: Grinnell
- 14 Scholarship Day: Dr. Donald Winbigler, speaker
- 16 Pi Alpha Nu Musicales: Sequence in Sound
- 17 Football: Lawrence
- 21-25 Thanksgiving Vacation
- 27 Concert-Lecture Series: New York Opera Company
- 30 Basketball: Augustana

DECEMBER, 1956

- 2 Vespers: Christmas Musicales
- 7 Basketball: St. Olaf
- 8 Basketball: Carleton
- 11 Basketball: Cornell
- 14 Christmas Recess Begins
- 15 Basketball: North Central

JANUARY, 1957

- 3 College Reopens
- 4 Basketball: Grinnell
- 5 Basketball: Coe
- 6 Vespers
- 11 Basketball: Ripon
- 12 Basketball: Lawrence
- 14 Great Books Lecture
- 15 Basketball: Carthage
- 17 Concert-Lecture Series: Stewart Alsop
- 19 Basketball: Knox

- 20 Advanced Semester Recital
- 24 Basketball: Cornell
- 28 Semester Examinations Begin
- 28 Great Books Lecture

FEBRUARY, 1957

- 2 Semester Examinations End
- 4 Concert-Lecture Series: Budapest String Quartet
- 5-6 Registration
- 5 Basketball: Illinois Tech
- 8 Basketball: Carleton
- 9 Basketball: St. Olaf
- 10-15 Religious Emphasis Week: Dr. Addison H. Leitch
- 10 Vespers
- 15 Basketball: Coe
- 16 Basketball: Grinnell
- 18 Great Books Lecture
- 22 Basketball: Carthage
- 23 Scholarship Competition for High School Seniors
- 23 Basketball: Knox

MARCH, 1957

- 1 Basketball: Lawrence
- 1 Pi Alpha Nu Operetta: "H. M. S. Pinafore"
- 2 Basketball: Ripon
- 2 Faculty Dinner
- 3 Vespers: Chicago Wesley Memorial Choir
- 7 Concert-Lecture Series: Douglas Cator
- 9 Film Classic Series: "You Can't Take It With You"
- 10 Art Tea
- 11 Great Books Lecture
- 13 Scholarship Day: Dr. George Bohman, speaker
- 14-16 Crimson Masque Play: "Night Must Fall"
- 15-16 Senior Week End
- 18 Great Books Lecture
- 22 Spring Vacation Begins

APRIL, 1957

- 1 College Reopens
- 1 Great Books Lecture
- 4 Choir Concert
- 5 World University Service Carnival
- 7 Vespers: Dr. E. B. Fairman
- 9 Concert-Lecture Series: Edward Gordon
- 13 Film Classic Series: "Rembrandt"
- 18 Founders Day
- 25 Chorale Tour Begins
- 26-27 Crimson Masque Freshman Play: "Time Out For Ginger"
- 28 National Christian College Day
- 30 College Senate Meeting

MAY, 1957

- College Senate Meeting
- 1 Interfraternity Sing
- 2 Chorale Tour Ends

- 2-4 Water Show: "Don't Touch That Dial"
- 3 Chorale Concert
- 4 Parents' Day
- 5 Vespers
- 7 Open air Band Concert
- 11 May Fete
- 11 All-School Formal
- 18 Film Classics Series: "Song of My Heart"
- 22 All-School Picnic

JUNE, 1957

- 3-7 Final Examinations
- 8 Alumni Day
- 9 Baccalaureate Day
- 10 Commencement Day

GENERAL INFORMATION

HISTORICAL STATEMENT

MONMOUTH COLLEGE was founded on April 12, 1853, and takes its name from the Illinois city where it is located. It is the realization of the inspiration of a small group of deeply religious pioneers of Western Illinois who felt the need of an institution of higher learning for their area.

From 1853 to 1856 the school functioned as a preparatory school, but in the latter year the state legislature granted it a collegiate charter. From the beginning Monmouth has admitted women students on equal terms with men and thus is a pioneer in advanced education for women.

Back in 1853 a small group of lawyers, farmers and business men donated \$1,150 to establish the Monmouth Academy in their city. Today, over one hundred years later, the college has total resources of \$5,549,000 including the physical plant and endowment.

In the early days the main purpose of the infant college was to prepare earnest and intelligent leaders for the ministry of the Associate Reformed Presbyterian Church (now the United Presbyterian Church of North America), the church of the founders.

Today many graduates still enter active church work, but countless others leave this liberal arts college to go into all the branches of human activity. The more than seven thousand alumni of the college have made invaluable contributions to society in the fields of government, education, business, industry, science, and social work.

The early years of the college were difficult for the struggling young school and on repeated occasions it did not seem that Monmouth as a college could survive. Yet survive she did de-

spite the upheavals of depressions, wars, and a disastrous fire of 1907. The faith and support of the townspeople of Monmouth, the church which controls her, and the evergrowing body of alumni, and the faculty and administrators, sustained her and had faith in her mission and future.

During the first hundred years of her existence Monmouth has had the capable leadership and devotion of her first five presidents: Dr. David A. Wallace, Dr. Jackson Burgess McMichael, Dr. S. R. Lyons, Dr. Thomas Hanna McMichael, and Dr. James Harper Grier. Dr. Grier retired from his duties as president in 1952 and was succeeded by Dr. Robert Wesson Gibson, who is Monmouth's president at the present time.

Through the years the college has undergone great physical change. The first classes were held in the basement of the Christian Church of Monmouth. Today the college possesses a beautiful campus of gently rolling hills shaded by elms and maples many years older than the institution itself. Its stately buildings are of brick in the Georgian style of architecture.

The fraternity system is active on the campus and there are eight national organizations which have chapters here. Monmouth has played a major role in the history of collegiate fraternal organizations for two of the largest of the nation's sororities were founded by Monmouth's women students. The first sorority in the United States, Pi Beta Phi, was founded on April 28, 1867. On October 13, 1870, Kappa Kappa Gamma was born here. Each of these national sororities has its Alpha chapter at Monmouth College today. Together they have a total alumnae membership of almost a hundred thousand as well as almost two hundred undergraduate chapters in the United States and Canada.

LOCATION

The college is located in a residential section of the city of Monmouth, Illinois, about 200 miles south and west of Chicago. On the main line of the Burlington railroad between Chicago and Denver, the city is only three hours from Chicago on the famous "Zephyr" streamlined trains. U. S. highways 34 and 67 intersect

in the heart of the city. Monmouth airport, the oldest airport in the state of Illinois in point of continuous service, offers excellent facilities for private or charter planes.

Monmouth is located in the heart of the rich corn belt of the Midwest. Although agriculture is the backbone of the economy in this area, numerous small businesses, processing plants, and industrial firms have found the town of Monmouth a good location. The population of the city is approximately 11,000.

CONTROL

The governing body of Monmouth College is the Senate, composed of thirty-one Directors and nine Trustees. The thirty-one Directors are elected by certain official bodies of the United Presbyterian Church of North America, and by the Alumni Association. The Trustees are elected by the Senate.

The college was originally chartered by the State of Illinois on February 16, 1857, with complete control vested in the Synod of Illinois of the Associate Reformed Presbyterian Church. When that church merged with the Associate Presbyterian Church, the control was assumed by the Synod of Illinois of the new church, known as the United Presbyterian Church of North America. Later the Synod of Illinois invited other bodies to associate themselves with it in the control of the institution.

At present, the following bodies are permitted to elect directors to the Senate to the number indicated. ,

The Synod of Illinois (9).

The Second Synod (Ohio and Indiana) (9).

The Synod of Nebraska (3).

The Presbytery of Keokuk (1).

The Alumni Association (9).

ACCREDITED STANDING

MONMOUTH COLLEGE IS:

On the latest list of approved institutions published by the Association of American Universities.

A member of the North Central Association of Colleges and Secondary Schools.

Given Class A rating by the University of Illinois.

A member of the Association of American Colleges.

Approved by the American Chemical Society.

Approved by American Association of University Women.

ASSOCIATED COLLEGES

Monmouth is a member of the Mid-West Conference of Liberal Arts Colleges, an association of colleges located in the four states of Iowa, Illinois, Wisconsin, and Minnesota. The Conference includes, besides Monmouth, Carleton, Coe, Cornell, Grinnell, Knox, Lawrence, Ripon, and St. Olaf.

These distinguished, independent colleges, of similar size, organization and aim, are drawn together in various undertakings, curricular and extra-curricular, through their common allegiance to liberal education.

PHYSICAL PLANT

The College is in the eastern section of Monmouth, on a beautiful rolling campus of thirty acres. Compact, but not crowded, the campus is laid out so that all students can get to any building on the campus in a very few minutes.

ACADEMIC BUILDINGS

WALLACE HALL is named for the first president of the College, Dr. David A. Wallace. The main recitation building, it contains twenty-two classrooms, as well as faculty offices, waiting rooms, and recreation rooms. The lower floor of this building has been converted into an attractively-furnished Student Union, with snack bar, lounge, and social room. It was erected in 1909.

J. B. McMICHAEL SCIENCE HALL is named for the second president of the College. It was completed in 1910, and contains the lecture rooms and laboratories in biology, physics, geology,

chemistry, botany, and zoology, as well as faculty offices.

THE LIBRARY BUILDING is the result of a gift by Andrew Carnegie. Erected in 1907, it was extensively redecorated in the summer of 1947. It houses two reading rooms, library offices and stacks, and depository stacks for government documents. In addition the main administrative offices of the college are located in this building, including the office of the president, business manager, dean of the college, dean of women, registrar, and director of admissions.

THE AUDITORIUM is better known by the students as "The Chapel." Seven hundred fifty can be seated in the main room of this building, which has a Mason & Hamlin grand piano, and a three-manual Schantz organ installed in 1946. This building also contains two of the teaching studios of the Music Department, a small recital-rehearsal hall, three piano practice rooms, and a two-manual Schantz practice organ, installed in 1949.

THE FINE ARTS BUILDING was acquired in 1931. The building, one of the most attractive residences in Monmouth, has housed the Department for the Appreciation of Art and the Department of Music ever since. It contains reading and display rooms for the fine arts, five music studios and three piano practice rooms and lecture rooms for classes in art and music.

ALUMNI HALL, located directly across the street from the main campus, houses the Public Relations, Alumni, and Publicity Offices.

RESIDENCE BUILDINGS

McMICHAEL HALL, the oldest residence hall now on the campus, was constructed in 1915. A fireproof structure throughout, it houses normally 85 young women in single and double rooms. This building also contains the main dining room for the college, and the kitchen. There is hot and cold water in each room.

JAMES HARPER GRIER HALL is a residence hall for women, completed in 1940. In addition to providing quarters for 100 young women, it contains parlors, a recreation room, and a suite

for the house director.

ALICE B. WINBIGLER HALL is the only building on the campus named for a teacher, honoring Miss Winbigler, who taught for fifty years in the mathematics department. In addition to rooms for 90 girls, it houses the Infirmary, and the laboratories of the Department of Home Economics. There are parlors, recreation room, and a suite for the house director. It was first occupied in 1946.

SUNNYSIDE, a residence for approximately thirty young women, provides hot and cold water in each room, and a recreation room, with smaller reception room and parlors, and a suite for the house director.

THE MANOR is the home of the president of the college. It was acquired in 1949, partly by purchase and partly by gift. The home is located a block from the main campus.

FULTON HALL, a residence hall for men, was occupied for the first time in September, 1951. This latest addition to Monmouth's housing facilities provides rooms and recreation halls for 120 young men. Residents of Fulton Hall board at the college dining room.

THE FRATERNITY HOUSES are the Alpha Tau Omega, Tau Kappa Epsilon, Sigma Phi Epsilon, and Theta Chi, each providing room and board for the majority of the men affiliated with the fraternal organization.

ATHLETIC FACILITIES

The heart of the Monmouth athletic and physical education program is the college gymnasium, completed in 1925. Basketball floor, swimming pool, cinder track, firing range for rifle and pistol, handball courts, locker-room and shower facilities, office for the physical education faculty, are all provided in this beautiful structure.

Adjacent to the gymnasium, and a component part of it, is the athletic field of ten acres, making provision for baseball, football, track, touch football, achery, tennis, and intramural sports.

LABORATORIES

BIOLOGY—The department of biology occupies the entire first floor of Science Hall providing three laboratories, a lecture room, storage room, library and offices and laboratory for the professors. The largest laboratory is used for the beginning students and is equipped for forty-four students per section. One of the smaller laboratories is equipped with physiological apparatus and the other is a fully equipped, modern bacteriological laboratory. The microscopic slides belonging to the department are the best that can be obtained. Sets for courses in zoology, botany, vertebrate embryology and histology are extensive. There are large numbers of preserved specimens in the museum representing every phylum of the animal and plant kingdoms. These play an important part in the lecture demonstrations. One of the most outstanding of the collections is the butterfly and moth collection of more than five thousand species. The molluscan shell, bird, and bird's egg collections are quite complete.

CHEMISTRY—The chemistry department occupies the entire second floor of Science Hall, and has ample room and equipment for two hundred or more students. A special effort has been put forth to individualize the entire laboratory program. Separate equipment and lockers and chemical supplies are provided for each student whenever this is practicable, particularly in the earlier courses. The department is fully prepared on this basis to offer standard work in general, analytical, organic, and physical chemistry as well as special courses in chemical calculations, biochemistry, use of chemical literature, and undergraduate research. Semi-micro methods have been introduced. The work of this department has been found adequate as preparation for advanced study in graduate and medical institutions, and for entering positions in the industrial field and teaching. This department is recognized by the American Chemical Society as meeting the minimum standards for the professional training of chemists at the bachelor's degree level.

GEOLOGY—The geology and mineralogy laboratory is located on the ground floor of the science building. It is supplied with

ample equipment and an abundance of material for the study of determinative mineralogy, and historical geology. The lighting and physical setting of the rooms are conducive to thorough work. Adjoining this laboratory is the private laboratory and office of the professor in charge. The library of the college contains a large selection of geological literature.

PHYSICS—The physics laboratories are located on the ground floor of the science building. There are three laboratories, two smaller ones in addition to the main laboratory. A stock room adjoining the main laboratory supplies demonstration apparatus for the lecture room as well as the needs of the laboratories. The stock room is equipped properly for construction, repair, maintenance, and assembling of equipment. All the laboratories are adapted to experimental studies in mechanics, heat, electricity, sound and light. Laboratory work is so arranged, with proper equipment and instruction provided, that the student is able to prove for himself the fundamental laws and equations of physics. The steady growth of the department is encouraged by regular additions of valuable apparatus.

THE LIBRARY

The Monmouth College Library is housed in a building given by Andrew Carnegie. On the second floor are the main reading, reference and periodical rooms, the charging desk, catalog, and librarians' offices. At the rear of this floor are the stacks which house the greater number of the books and within which are nine cubicles for study. This floor has been redecorated recently and has a new sound-proof ceiling, a new cork tile flooring and fluorescent lighting, making an attractive reading room. The rear of the first floor contains stacks and reading room in which are collected the books of the departments of business administration, history, and the natural sciences. The seating capacity of both floors is 195. Documents, older periodicals and duplicate material are shelved in the basement.

The library contains around 70,000 volumes. It is a depository library for many government documents. Over 350 periodi-

cals—general and scientific—are currently received, including both American and foreign publications.

SPECIAL COLLECTIONS—The Carnegie Foundation in 1930 presented the library a collection of material for the study of art which included over 200 books and 2,000 mounted prints and photographs. Material is constantly being added to this collection so that in addition to art books, over 6,000 slides, 7,000 prints, and many music records are included. The art books in foreign languages, portfolios, pictures, slides, etc., are housed in the Fine Arts Library where they are in constant use by the classes. Others are in the main library collection. Four departmental libraries are housed in the McMichael Science Hall, viz., Biology, Chemistry, Geology, and Physics.

AUDIO-VISUAL—In the Audio-Visual field there are several excellent record players, the most recent being a gift from the YWCA. A microcard reader, film reader, TDC Multi-purpose film and slide machine are also available. Phono-records are becoming a part of class-room work. Much is being made of them, especially in English, Modern Languages, Speech and the Theatre. Film strips, also, are a part of the Library's collection.

An audio-visual room has recently been acquired which will greatly facilitate the use of the equipment.

The library's collection of books in history, classical language, modern language, social science, and English literature, has been enriched by the addition of over a thousand volumes from private libraries of seven former Monmouth professors—Professors Chaffee, Clark, Cleland, Goodrich, Owen, Robinson, and Van Gundy.

In addition to the books in the main library collection, the Department of Music library contains phonograph records, collections of miniature scores, music for Violin, Organ, Piano, and Voice, and a carefully chosen list of books on music subjects.

The Martin Oriental Collection has been provided by Dr. Howard H. Martin of the University of Washington, a former Monmouth student. This Oriental Collection has been augmented by gifts from Takashi Komatsu of the class of 1910.

MEMORIAL FUNDS

Two recent memorial funds are those given in memory of Dean J. S. Cleland who was Dean of the College from 1927 to December, 1951, and Dr. C. A. Owen, head of the English department from 1937 to April, 1951.

Added to these memorial funds are those given by friends in memory of loved ones.

CENTENNIAL PI BETA PHI GIFT

At the time of the centennial the National Pi Beta Phi sorority which was founded at Monmouth College in 1867 presented the library with a \$200.00 gift which has been used exclusively for reference.

U. S. STEEL GIFT

In 1956 the library was fortunate in receiving a gift from U. S. Steel in the amount of \$200.00 which the college duplicated. This helped greatly in filling in gaps of some important periodicals as well as securing needed reference material.

GREAT BOOKS GIFT

The library was one of 1,600 out of over 4,000 applicants to receive a set of "Great Books" in 1956. As a result of this splendid gift the library is initiating, beginning in January, 1957, a course of "Faculty Lectures on Great Books" to be given in the Faculty Lounge on six Monday evenings during second semester.

LIBRARY ENDOWMENTS

1. The John A. and Margaret J. Elliott Library of Religious Education. A special fund has been set apart through the generosity of Mr. and Mrs. John A. Elliott, of College Corner, Ohio, for the maintenance and enlargement of a library in connection with the Department of Biblical Literature.

2. The John Lawrence Teare Memorial Library Fund. This fund of \$2,000.00 was presented by John K. and Grace C. Teare of Monmouth, Illinois, in memory of their son, John Lawrence Teare, '16 who died in the U. S. Naval Service on September 11th, 1918, at Bumkin Island, Boston Harbor. The income is to be used for the purchase of books related to the social sciences.

3. The Kappa Kappa Gamma Memorial Fund. The Kappa Kappa Gamma national sorority, founded at Monmouth College in 1870, established in 1931 as a memorial to its founders, a library fund in the amount of \$3,750. This has been augmented from year to year to the amount of \$5,350.00. At present there is a most excellent collection of books, a greater portion being in the fields of Art and Reference.

COOPERATIVE WORK WITH THE WARREN COUNTY PUBLIC LIBRARY

The Warren County Public Library containing over 50,000 volumes is open to the college students the same as to the community without any fee. Much cooperative work is done between the two libraries. Throughout the year many open programs are presented by the library at which time prominent speakers are often brought to the city. College students are usually among those in attendance at these meetings.

The most recent service offered by the WCPL is that of circulating record player and records. They have one record player for use in the building and one for circulation.

STUDENT STAFF

Besides the regular library staff, from twelve to eighteen students form what is called the Student Library Staff, none of whom work less than ten hours per week.

TRAINING

Training in the use of the library is given early in the Freshman year, this being done through the English classes who are brought to the library for instruction by the librarians.

BUSINESS OFFICE ENDOWMENTS

THE ADDLEMAN FUND. A special fund has been established by Mr. and Mrs. W. Kenneth Addleman of Monmouth, Illinois, the income from which is to be used for the purchase of books, publications or equipment requested by the business manager which will be of assistance in the operation of the business office.

ENDOWED PROFESSORSHIPS

A large part of the endowment fund of the college has been given by those who desire to make perpetual certain chairs and departments of the college. These endowed professorships are:

1. The Harding Professorship of English Language and Literature, endowed by General A. C. Harding of Illinois in 1856.
2. The Pressly Professorship of Natural Science, endowed by W. P. Pressly of Illinois in 1886.
3. The Alumni Professorship of Philosophy, endowed by the Alumni of the College in 1881.
4. The Mathers Professorship of Social Science, endowed by Joseph Mathers of Illinois in 1895.
5. The Law Foundation of English Literature, endowed by James and Ellen C. Law of New York in 1899.
6. The John Young Bible Chair. Through the efforts of the United Presbyterian Board of Education, a chair of Bible has been endowed. This chair is known as the "John Young Chair of Bible," in memory of John Young of Knox County, Illinois, from whose estate came the largest contribution to the fund.
7. The Alice Winbigler Chair of Mathematics, endowed by Miss Alice

Winbigler in memory of her sister, Julia E. Winbigler, and through funds added by friends of Miss Winbigler.

8. The Clyde Fulton Young Chair of Political Science. This department has been endowed in the amount of \$40,000 by Clyde Fulton Young A. B., LL. B., of Pittsburgh, Pennsylvania. He was a graduate of the Class of 1899.

THE KILLOUGH LECTURE FUND

Hon. W. W. Stetson of Auburn, Maine, a few years ago, by the gift of \$5,000 endowed a fund to be known as the "Killough Lecture Fund." This provides for bringing before the students of Monmouth College from time to time outstanding speakers.

ADMISSION

ADMISSION BY CERTIFICATE may be granted to applicants fulfilling the following requirements:

1. Graduation from a high school on the approved list of the North Central Association of Colleges and Secondary Schools, or an equivalent association, or on the approved list of a state university.
2. Recommendation of the principal or superintendent.
3. A satisfactory record in fifteen units of high school subjects. A unit is defined as a subject carried for one year of not less than thirty-six weeks with five recitation periods of at least forty minutes each.
 - a. Applicants ranking in the highest one-fourth of a graduating class of forty or more may be admitted without regard to the pattern of subjects presented.
 - b. Applicants ranking in the middle half of graduating classes numbering forty or more, and those in the upper three-fourths of graduating classes under forty may be admitted with a minimum of ten units in the following fields: English, history, or social science, foreign language, mathematics, or science. Three units must be in English.
 - c. Applicants ranking in the lower one-half of graduating classes may be required to take an entrance examination.

Application for admission should be made on official forms which will be furnished by the Director of Admissions upon request. This application should be filed with the Director of Admissions as early as possible.

Tentative action upon the applications will be taken upon receipt of parts one and two of the application forms. Final action will be taken when the proper officer of the high school has certified graduation.

ADVANCED STANDING

A student who enters from another college must present a letter of honorable dismissal and a transcript showing entrance credits accepted and credits earned while in attendance at that college, and a statement indicating that the student is in good standing at the college from which transfer is made.

COUNSELING

VOCATIONAL AND PRE-VOCATIONAL TRAINING

Monmouth holds two objectives before her students. The first is the opportunity for a broad, thorough, cultural education; the second is an integrated program of studies which provides vocational and pre-professional training.

Those who wish to develop their powers of appreciation in full measure and who plan a career in which breadth of information, scientific attitude, and developed personality are necessary for success are wise to secure the broad culture and general information of a liberal arts course. Young men and women sometimes believe that a liberal arts course is preparatory to a few vocations only. Yet, many more of the attractive occupations are open only to those who have a liberal education.

STUDENT PERSONNEL SERVICE

The college tries to help students to make satisfactory academic, personal, and vocational adjustments. This it does formally through the offices of the president, the deans, and the director of personnel, and through a dual system of faculty counselors and advisers.

Detailed information concerning each student is secured from the high school and college records by means of various questionnaires, examinations and inventories. The data compiled and analyzed serve as a basis for counseling students individually in regard to their courses of study, extra-curricular activities, choice of career, pre-professional training, etc.

The library is well stocked with books and pamphlets on occupational opportunities, and complete information on graduate, professional and training schools is kept on file and available for use. The college maintains a placement bureau that freely assist students in finding satisfactory employment after graduation. In order to provide for counsel concerning pre-profession training for certain fields of life work, special faculty committees have been appointed.

COUNSELING PROGRAM

Before the opening of the school year, one member of the faculty becomes a counselor to each student admitted to the freshman class. The counselor acts as a friendly personal adviser to the student and aids him in his educational, social and personal adjustments. The Dean of the College is chairman of the group of freshman advisers.

The plan of studies for the work of the first year in college is outlined by the counselor in consultation with the student.

PLAN OF STUDY

THE AIM OF MONMOUTH COLLEGE

MONMOUTH COLLEGE proposes to provide young men and women with an understanding of the world in which they live, in all of its most general aspects;

To provide them with an intelligent understanding and comprehension of the basic structure of the world of physical nature, the world of living organisms from the lowest to the highest forms, the world of human society and institutions, the world of ideas including the products of both imagination and conceptual thinking, and the world of values;

To provide them with a mature grasp of some one field of study, and to assure a moderate degree of skill in the use of the intellect.

Monmouth affirms that such a course of study is the only sound foundation for an effective life in modern society, both as a necessary preparation for further training in any occupation or profession that involves the exercise of personal responsibility, and for any function in any phase of human life requiring judgment and understanding in addition to mere skill.

THE CURRICULUM

The curriculum of Monmouth College aims to achieve its primary purpose by means of appropriate distribution requirements governing the work in the first two years, and by organizing the work of the last two years in a field of concentration. The purposes of these requirements are as follows:

- I. The distribution requirements are intended to help the student attain:
 - A. A broad and comprehensive acquaintance with the basic characteristics of the world in which we live.
 - B. Familiarity with the tools of the intellect, including
 1. The experimental methods (laboratory sciences).
 2. The method of empirical generalization (social sciences).
 3. Language (English composition and foreign languages).
 4. The method of formal analysis (mathematics and logic).
- II. The requirements of a field of concentration are intended to help the student attain:
 - A. A mature understanding of some one field of study.
 - B. Intensive training and skill in the use of one or more of the tools of the intellect.

DEGREES

The outline of courses described below leads to a bachelor's degree. The degree regularly conferred is Bachelor of Arts. Candidates for degrees shall

make formal application for them at the opening of the college year in which they seek their degrees. This application must be in the hands of the registrar not later than the fourth Wednesday of the first semester. The course may be completed at the close of either semester but the formal graduation will occur at the Commencement in June, at which time all degrees are conferred. The senior year must be spent in residence.

GRADUATION REQUIREMENTS

Every student is required to present for graduation 124 semester hours of work. These must include all of the courses required for graduation, and in these 124 semester hours the student must attain or surpass an average grade of C (a grade point average of 2).

DISTRIBUTION

DIVISION I.

The humanities (English, French, German, Greek, Latin, Spanish, art, Bible and religion, history, music, philosophy, speech).

(A) Specific requirements:

1. English 101, 102, 6 hours.
2. Speech 101, 102, or 221, 2 hours.
3. Bible, 5 hours. Of the five hours required for graduation, two must be completed by the end of the freshman year, and the other three should be taken in the sophomore or junior year.
4. Foreign Language. (a) Two years in college of one foreign language or the equivalent, which is determined by placement examination; or (b) Proficiency in reading a foreign language, as proved by special examination offered in September and January. (See "Correlation of high school and college foreign language study." Department of Modern Languages.

(B) One semester course of two or more hours in art or music.

1 (C) Two semester courses chosen from two of the following departments: English (literature), history, philosophy.

DIVISION II.

Social studies:

Two semesters chosen from the following departments: economics, political science, sociology, psychology.

DIVISION III.

Sciences and mathematics (biology, chemistry, geology, physics, mathematics, geography 101, nutrition).

Three semesters, two of which must form a year's sequence in one laboratory science.

The distribution requirements above must be satisfied before the student is given senior standing. No course except 2nd year foreign language courses shall be used to satisfy both distribution and concentration requirements.

The following programs will be required in the Freshman and Sophomore

years unless the student is following one of the suggested curricula which postpones one or more of these requirements:

The Freshman Year		The Sophomore Year	
English 101-102	6	Foreign Language	6
Speech 101 or 102 or 221	2	Division IB or IC	2-4
Bible 101 or 102 or 103 or Religion 105 or 106	2	Division II	6
A Foreign Language	6-8	Division III	3-4
Laboratory Science or Math.	8-10	Physical Education	2
Division IB or IC	2-6	Bible or Religion	3
Physical Education	2		22-25
<hr/>		<hr/>	
28-36			

Note: Instead of taking the work in class, the student may satisfy any of these requirements by passing an examination sufficiently comprehensive to test his knowledge of the work presented in the required course or courses. This procedure will not entitle the student to credit in semester hours except when carried out under the provisions for independent study.

These examinations must be passed satisfactorily before the beginning of the second semester of the year in which the required work must be done.

Freshmen and sophomores will be required to take physical education unless excused. Each student will be required to pass a swimming test.

CONCENTRATION

A field of concentration which shall consist of (1) a departmental major and related courses or (2) a topical major. All courses in field of concentration shall be of C grade or better.

(1) A departmental major shall consist of at least 24 hours chosen from the major department and at least 16 hours of related courses chosen from these specified by the major department. The work in the field of concentration during the junior and senior years shall include some form of individualized study. Each student must give positive evidence of his competence in his field of concentration. This may be by means of a comprehensive examination, a senior thesis, or a research program.

(2) A topical major shall consist of at least 40 hours chosen from different departments as a group of studies linked together by a special theme or field of interest. The program for a topical major must be approved by the curriculum committee and shall be under the direction of an adviser appointed by that committee. The work in the field of concentration during the junior and senior years shall include some form of individualized study. Each student must give positive evidence of his competence in his field of concentration by means of a comprehensive examination or a senior thesis or a program of individual research.

SUGGESTED CURRICULA

AGRICULTURE

The student looking forward to agriculture will find courses in biology, chemistry, economics, and business administration of advantage as pre-vocational training. The curriculum outlined below will introduce the student to the basic sciences as well as provide a general educational experience. Many Monmouth graduates are farmers, successful in their occupation and influential in their community.

Freshman Year		Sem.	Hrs.	Sophomore Year		Sem.	Hrs.
		1st.	2nd.			1st.	2nd.
English 101, 102	3	3		Chemistry 105, 106	5	5	
Biology 103, 104	4	4		Geology 101, 102	4	4	
Speech 101	2			Biology 301	4		
Bible 101		2		Biology 204		5	
Physical Education	1	1		Physical Education	1	1	
Electives	6-7	6-7		Electives	2-3	1-2	
		16	17			16-17	16-17

ART

The curriculum is quite flexible, including all the graduation requirements, allowing 21 hours of electives, even if the maximum of 36 hours is allowed for the major field. Since the art major requires only 24 hours, 33 hours of electives could be chosen, allowing for more hours in education for those who plan to teach.

Freshman Year		Sem.	Hrs.	Sophomore Year		Sem.	Hrs.
		1st.	2nd.			1st.	2nd.
English 101, 102	3	3		Science	4	4	
Speech, Bible	2	2		History	3	3	
Modern or Ancient Language	4	4		Modern or Ancient Language	3	3	
Art 151, 152	2	2		Art 101, 102	2	2	
Art 103, 211	2	2		Art 212, 316	2	2	
Physical Education	1	1		Physical Education	1	1	
Electives	2	2				15	15
		16	16				

Junior Year		Sem.	Hrs.	Senior Year		Sem.	Hrs.
		1st.	2nd.			1st.	2nd.
Science	3	3		Art 300 courses	4 (5, 6)	4 (5, 6)	
Gen. Psychol., Ed. Psychol. ..	3	3		Philosophy 202	2		
Bible		3		Philosophy 315	2		
Mythology, Classics 221	2			Education 307, 313	3		
Art 300 courses	4	4		Electives	(5, 4, 3)	(9, 8, 7)	
Electives	4	3				16	16
		16	16				

BIOLOGY

To prepare for graduate work in biology, a student should be well-grounded in chemistry. A background in mathematics and physics is also desirable. A reading knowledge of German and French will be useful. Suggested electives include psychology, philosophy, and social science. To prepare for teaching in high school, the program should include sufficient courses in education. Other curricula leading to various fields of applied biology are suggested in this section under other headings.

Freshman Year		Sem.	Hrs.	Sophomore Year		Sem.	Hrs.
		1st.	2nd.			1st.	2nd.
Chemistry 105, 106	5	5		Biology 303, 304	3	3	
English 101, 102	3	3		Mathematics 111, 112			
Biology 103, 104	4	4		or Mathematics 151, 152 ..	3	3	
German 101, 102	4	4		German 201, 202	3	3	
Physical Education	1	1		Speech 101	2		
		17	17	Bible 101		2	
				Physical Education	1	1	
				Electives	4-3	4-3	
						17	17
Junior Year		Sem.	Hrs.	Senior Year		Sem.	Hrs.
		1st.	2nd.			1st.	2nd.
Biology 305			4	Physics 201, 202	5	5	
Biology 306	4			Biology 403, 404	2	2	
Chemistry 301	5			Philosophy 202	2		
Psychology 221	3			Philosophy 310		3	
Psychology 224		3		Electives	7-8	6-7	
Electives	4-5	9-10				16-17	16-17
		16-17	16-17				

BUSINESS ADMINISTRATION

Monmouth offers a comprehensive program of courses in the field of business administration. This program embraces courses designed to acquaint the student with several phases of business administration including accounting and auditing, banking, corporation finance, insurance, personnel administration, business law, and business organization and promotion.

The work of the first two years is outlined in detail and is common to all fields. It is intended to provide each student with a broad cultural foundation for the advanced courses in the department. During the junior and senior years each student's program is built from the courses listed and from electives fitting the needs and interests of the individual student.

Monmouth's business administration program is primarily designed to equip the graduate with the tools necessary to secure gainful employment in his field. However, the curriculum is readily adaptable to the student who is preparing to do graduate work in economic theory, accounting, and other areas.

Freshman Year		Sem.	Hrs.	Sophomore Year		Sem.	Hrs.
		1st.	2nd.			1st.	2nd.
English 101, 102, Comp.		3	3	Econ. 201, 202, Principles		3	3
Speech 101, Fundamentals		2	(2)	Econ. 281, 282, Accounting ..		4	4
Bible	(2)	2		Nat. Science: Chem., Biol.,			
Mathematics 111, 112, or 151,		3	3	Physics, Geology	4, 5	4, 5	
152		3	3	Math. 111, 112 or 151, 152 ..		3	3
Nat. Science: Chem., Biol.,				Mod. Language: Spanish,			
Physics, Geology	(4, 5)	(4, 5)		French, German	2, 3	2, 3	
Mod. Language: Spanish,				Pol. Sci. 202, 202, Am. Govt. 2, 3		2, 3	
French, German	3, 4	3, 4		Sec. Science 211, Bus. English 3			
Physical Education	1	1		Physical Education	1	1	
	13, 15	13, 15		Mathematics 211, Fin. and			
				Statistics	3	3	
					17, 19	17, 19	
Junior Year		Sem.	Hrs.	Senior Year		Sem.	Hrs.
		1st.	2nd.			1st.	2nd.
Econ. 363, 364, Bus. Law		3	3	Econ. 391, 392, Accounting ..		4	4
Econ. 352, Labor Problems ..		3	3	Econ. 375, 376, Public Finance			
Econ. 371, Money & Banking..		3	3	& Fiscal Policy	3	3	
Pol. Sci. 201, 202, Am. Govt..		3	3	Econ. 372, Bus. Adm.	3		
History 251, 252, Amer.		3	3	Econ. 374, Investment &			
Phil. 304, Pol. & Soc Ethics..		3		Finance		3	
Phil. 310, Logic			3	Econ. 304, Inter. Trade	3		
English 209, Comp.	2	2		Sec. Sci. 211, Bus. English		3	
English 306, Creative Writing		2	2	Sociol. 301, Introduction	3		
Speech 102, 304, Ext. & Adv.	2	2		Phil. 313, Phil. of Religion ..			3
Psych. 221, 224, Gen. & Appl.	3	3					

Elect from above 16-18 hours each semester.

CHEMISTRY

The courses outlined here prepare the student for certification by the department chairman as having fulfilled the minimum requirements adopted by the American Chemical Society for the professional training of chemists. These courses are also adequate preparation for graduate work in chemistry. Electives may include: biology, chemical research, introduction to statistics, advanced courses in mathematics and physics, geology, English, philosophy, psychology and other social sciences, German and French.

Typical careers following this program are industrial research, control, and production; and collegiate and university teaching and research. Graduate study up to three years should be planned, for which good students often find considerable financial help provided (assistants, scholarships, fellowships).

Freshman Year			Sophomore Year		
	Sem.	Hrs.		Sem.	Hrs.
	1st.	2nd.		1st.	2nd.
Chemistry 105, 106	5	5	Chemistry 201, 202	4	4
Mathematics 111, 112			Mathematics 251, 252	3	3
or Mathematics 151, 152	3	3	or Mathematics 151, 152	3	3
Chemistry 204, 206		2	German 101, 102	4	4
English 101, 102	3	3	Physics 201, 202	5	5
Speech 101, Bible 101	2	2	Physical Education	1	1
Physical Education 101, etc..	1	1			
Grad. Req.	2-3			17	17
	16-17	16			
Junior Year			Senior Year		
	Sem.	Hrs.		Sem.	Hrs.
	1st.	2nd.		1st.	2nd.
Chemistry 301, 302	5	5	Chemistry 405, 406	4	4
German 201S, 205S	3	3	Chemistry 407, 408	2	2
Chemistry 310	2		Chemistry 403, 404	3	4
Bible 301		2	French 101	4	4
Electives & Grad. Req.	6-7	6-7	Electives & Grad. Req.	3-4	3-4
	16-17	16-17		16-17	16-17

DENTISTRY

The accredited dental schools of the country require two or more years general preparation that must include certain basic courses in sciences and a number of courses of general cultural value. Monmouth recommends that four years of pre-professional training be secured whenever possible because of the definite advantage of such training in later years. The suggestion of the Dental School of the University of Michigan is highly significant. "To secure a well balanced educational program, it is desirable that three or four years be devoted to pre-professional training. Students having additional preparation of a well-balanced and broadly cultural nature have a distinct advantage in the pursuit of the professional curriculum and are better equipped for professional and civic life."

A recent study by the American Dental Association indicated that dental schools with a two year requirement often will give preference to an applicant who has had three years of pre-dental study or has earned a baccalaureate degree. About forty-five per cent of the students admitted in recent years had degrees on entering dental school, thirty-three per cent had had three years or more of college study without a degree, and only twenty-two per cent were admitted with a minimum of two years of preparation. The length of pre-dental training has been increasing rather steadily.

The following two year program of study meets the minimum requirements of most dental schools. During the junior and senior years, the student should follow the program of study preparatory to the field of medicine.

Freshman Year			Sophomore Year		
	Sem.	Hrs.		Sem.	Hrs.
	1st.	2nd.		1st.	2nd.
English 101, 102	3	3	Physics 101, 102	4	4
Speech 101	2		Language	4	4
Bible 101		2	Chemistry 301	5	
Biology 103, 104	4	4	Physical Education	1	1
Chemistry 105, 106	5	5	Electives	3	8
Physical Education	1	1			
Electives	2	2		17	17
	17	17			

ENGINEERING

Students interested in engineering may take advantage of the Binary programs sponsored by Monmouth College in cooperation with Case Institute of Technology, Cleveland, Ohio, and Illinois Institute of Technology, Chicago, Illinois.

Briefly, this program calls for a three-year program of liberal arts study at Monmouth, followed by two years of engineering work at Case Institute or Illinois Institute. Upon completion of the five-year program the student will receive degrees from both Monmouth and the engineering school which he attends.

The Binary Program is designed to provide the engineering student with all the best features of two types of educational work, that of the liberal arts college and the technical engineering school. This combination is of great importance, for in an increasing degree men who have attained eminence as engineers are required to have a broad background in liberal education to carry out their duties as executives in engineering work.

Freshman Year	Sem.	Hrs.	Sophomore Year	Sem.	Hrs.
	1st.	2nd.		1st.	2nd.
English	3	3	Mathematics	3	3
Mathematics	3	3	Language	4	4
Graphics	3	3	Physics	5	5
Chemistry	5	5	Social Science	3	3
Speech, Bible	2	2	Humanities Elective	2	2
Physical Education	1	1	Physical Education	1	1
	17	17		18	18

Junior Year	Sem.	Hrs.
	1st.	2nd.
Physics	4	3
Mathematics	3	3
Language	3	3
Bible	3	
Engineering Mechanics		3
Social Science	3	3
Electives	3	3-4
	19	18-19

A two-year pre-engineering program can also be arranged by a proper selection from the above courses for those who plan on taking only two years at Monmouth College.

If the student who desires to continue the study of engineering pursues a four-year course at Monmouth, courses for the Senior year are to be selected from advanced courses in chemistry, physics, and mathematics. Courses necessary to satisfy graduation requirements and other cultural courses should be included.

GEOLOGY

A student who majors in geology and is interested in this subject as a profession should include within his curriculum courses in chemistry, biology, physics, and mathematics in order to be prepared for graduate work in this field. In order that he may be prepared for positions of responsibility in the mining and other extractive industries, it is advisable to have training in accounting and other phases of economics and business administration.

Freshman Year	Sem.	Hrs.	Sophomore Year	Sem.	Hrs.
	1st.	2nd.		1st.	2nd.
Bible 101, 302	2	3	Chemistry 105, 106	5	5
English 101, 102	3	3	Foreign Language	4	4
Geology 101, 102	4	4	Geology 201, 202	3	3
Mathematics 111, 112,			Physics 101, 102	4	4
or 151, 152	3	3	Physical Education	1	1
Speech 102		2		17	17
Physical Education	1	1			
Elective	2				
	16	17			

Junior Year		Sem.	Hrs.	Senior Year		Sem.	Hrs.
		1st.	2nd.			1st.	2nd.
Chemistry 201, 202	4	4		Bible 310	3		
Engineering 203	3			Geography 320	2		
Geology 310	4			Geology 400			4
Geology 410			3	Geology 420	3		
History 101, 102	3		3	Geology 430	3		3
Foreign Language	3		3	History 300			2
				Government 311			2
	17		16	Elective	4		4
						15	15

GOVERNMENT SERVICE

Any student desiring to make a career of government, either in public administration or in politics, will want to know something about government. He may wish to major in this field by taking a course of studies like that outlined in the accompanying curriculum. Besides acquiring knowledge of history, economics, statistics, etc., it is very important that a student should become well trained in reading, writing, and speaking and that he have some knowledge of philosophy.

For certain positions in the civil service graduate work is desirable. Those wishing to try for foreign service are urged to take one language all four years of college and a second language for two years.

Besides employing men with more general knowledge, government employs many with specialized knowledge; for instance, in the fields of law, education, medicine, engineering.

In view of the growing importance of government in the economic, social, and political life of the nation, both men and women will need to become better acquainted with it. College students especially are urged to prepare themselves to take a more active part in it as citizens, if not as elective or appointed officials.

Freshman Year		Sem.	Hrs.	Sophomore Year		Sem.	Hrs.
		1st.	2nd.			1st.	2nd.
English 101, 102, Comp.	3		3	History 251, 252, American ..	3		3
Speech 101, Elements	2			Pol. Sci. 201, 202, American			
Bible or Religion			2	Government	3		3
Mathematics or Science	4, 5		4, 5	Science	3, 5		3, 5
Modern Language	3, 4		3, 4	Econ. 201, 202, Principles	3		3
History 101, 102	3		3	Physical Education	1		1
Physical Education 101, 102 ..	1		1	Modern Language	3, 4		3, 4
	17, 19		17, 19		16, 19		16, 19

Junior and Senior Years

	Sem.	Hrs.		Sem.	Hrs.
	1st.	2nd.		1st.	2nd.
English 201, 202, Survey	3		Econ. 371, Money & Banking ..	3	
Speech 303, 304	3		Econ. 375, Public Finance	3	
Pol. Sci. 350, Const. Law	3		Econ. 374, Bus. Admin.		3
Language	6, 7		Pol. Sci. 360, Public Admin. ..		3
Pol. Sci. 390, Intern'l. Law ..		3	Soc. 301, 302, Prob.	3	
Psychology 221, General	3		Pol. Sci. 381, Fgn. Govts.	3	
Bible		3	Pol. Sci. 401A, 401B, Seminar	3	
Econ. 281, 282, Accounting ..	4		Electives	5, 7	
		4			5, 7

HISTORY

Monmouth offers a program of study in the field of history and related subjects that prepares students for advanced work in the leading graduate schools of the country. In addition to careers within the historical profession this program is basic training for students looking forward to professional

work in law, the ministry, government service, library administration, and teaching. For a typical history major program see the suggested outline of courses below. Students who plan to teach the social studies in the public schools would have to alter this program in order to include 16 hours of education. Students who plan to take graduate work in history or in library science would have to alter the program to include two languages in most cases. Other adjustments are possible to meet the individual objectives of the student.

Freshman Year		Sem.	Hrs.	Sophomore Year		Sem.	Hrs.
		1st.	2nd.			1st.	2nd.
English 101, 102	3	3		History 251, 252	3	3	
History 101, 102	3	3		English 201, 202	3	3	
Speech 101	2			Geography 101, 102	3	3	
Bible 101		2		French	3	3	
Natural Science	4	4		Government 201, 202	3	3	
French	1	1		Physical Education	1	1	
Physical Education	1	1					
		17	17			16	16
Junior Year		Sem.	Hrs.	Senior Year		Sem.	Hrs.
		1st.	2nd.			1st.	2nd.
History 341, 242	3	3		History 351	3		
Economics 201, 202	3	3		History 334	3		
Government 360	3			History 344		2	
Government 395		3		History 404	3		
Psychology 221	3			Economics 363, 364	3	3	
Sociology 301, 302	3			Philosophy 202	3		
Religion 206		3		Philosophy 304		3	
English 311, 312	2	2		Speech 206		2	
		17	17	Sociology 302		3	
				Sociology 310	3		
				Government 390		3	
						78	16

HOME ECONOMICS

The courses in Home Economics are designed to furnish a basis for the important profession of homemaking and for various phases related to it. Courses afford technical information, with laboratory practice, in Foods, Nutrition, Textiles, and Clothing. In addition, instruction is offered in Consumer Economics, Home Planning and Furnishing, Design, the Family, and Child Psychology.

The course of study suggested below is for students who have selected general Home Economics as a field of concentration. This curriculum offers 32 hours which may be used for non-vocational teaching or as a background for the many other phases of professional Home Economics.

The courses may be chosen for a related field or as electives, providing the necessary prerequisites are taken.

Freshman Year		Sem.	Hrs.	Sophomore Year		Sem.	Hrs.
		1st.	2nd.			1st.	2nd.
English 101, 102	3	3		Home Ec. 225, 226			
Speech 101	2			or Home Ec. 251, 252	3	3	
Bible 101		2		Foreign Lang.	3	3	
Art 211		2		Psychology 221, 224	3	3	
Chemistry 103, 104	4	4		Bible	3		
Home Ec. 151	2			Electives		5	
Foreign Lang.	4	4		Physical Education	1	1	
Physical Education	1	1		Art 212	2		
		16	16			15	15

Junior Year	Sem. 1st.	Hrs. 2nd.	Senior Year	Sem. 1st.	Hrs. 2nd.
Home Ec. 225, 226			Home Ec. 371, 372	3	2
or Home Ec. 251, 252	3	3	Home Ec. 331	2	
Sociology 306	3		Art 316		2
Sociology 316		3	History	3	3
Home Ec. 352		3	Philosophy	2	
Home Ec. 329	2		Electives	6	9
Art 101, 102	2	2		16	16
Art 314		2			
Electives	6	3			
	16	16			

INTERPRETER AND CORRESPONDENT

The various departments of the government, and also business forms engaged in international trade, offer opportunities as interpreters or correspondents for those well trained in foreign languages. Monmouth offers four years of instruction in each of the following: French, German, and Spanish. The student who plans to be an interpreter or correspondent should acquire facility in English and should include in his curriculum courses in history, economics, and political science in order that he may be acquainted with the world of business and government.

JOURNALISM

A minimum of two years of college preparation is required by most schools of journalism before a student is permitted to begin his study of professional courses in the field of journalism. Some schools of journalism require three or more years of general college preparation before a student is admitted to professional courses. Monmouth College recommends, therefore, that a student preparing for journalism secure three or more years of pre-professional training. A statement by the late Frank Knox, former publisher of the Chicago Daily News, is significant. "My opinion, pretty well sustained by an experience of about forty years, is that the best training for newspaper work whether in the business office or editorial department, is an ordinary college course which gives a bachelor of arts degree. . . The broad, general culture which the bachelor of arts course gives is the best foundation upon which to build."

Freshman Year	Sem. 1st.	Hrs. 2nd.	Sophomore Year	Sem. 1st.	Hrs. 2nd.
English 101, 102, Comp.	3	3	English 207, 208, Journalism	3	3
Mathematics or Science	4, 5	4, 5	Mathematics or Science	4, 5	4, 5
Mod. Language: Spanish,			Mod. Language: Spanish,		
French, German	4	4	French, German	3	3
History 101, 102, World Civ.	3	3	Econ. 201, 202, Principles	3	3
Speech 101, Fundamentals	2	(2)	Pol. Sci. 201, 202, Am. Govt.	3	3
Bible	(2)	2	Phys. Ed. 201, 202, Soph.	1	1
Phys. Ed. 101, 102, Fresh.	1	1			
	17, 18	17, 18		16, 18	16, 18

Junior Year	Sem. 1st.	Hrs. 2nd.	Senior Year	Sem. 1st.	Hrs. 2nd.
Eng. 300, Adv. Comp.	2		Bible or Religion	3	
Eng. 301, 302, Cont. British			English 303, 304, Cont.		
Prose, Poetry	2	2	American Prose, Poetry ..	2	2
History 251, 252, American ..	3	3	History 335, 336, Recent	3	2
Pol. Sci. 360, Public Admin. ..		3	Econ. 375, Public Finance	3	
Economics 371, Bus. Admin.		3	Sociology 301, Introduction ..	3	
Psychology 221, General	3		Psychology 321, Social		2
Speech 206, Radio	2		Speech 102, Extempore	2	
Speech 221, Voice and			Speech 304, Advanced		3
Phonetics	3		Econ. 361, 362, Bus. Law	2	2
Econ. 281, 282, Accounting ..	4	4			

Elect from above 16-18 hours each semester.

LAW

The minimum pre-professional requirements for the legal profession are three years of liberal arts college training. In view of the advantage to the student of meeting something more than the minimum requirements for any profession, Monmouth College recommends that a student looking forward to law secure the baccalaureate degree after four years of general college training before entering upon his professional study in a law school. The pre-professional course of study is not prescribed by the American Bar Association, nor does any law school set up specific requirements. The Association of American Law Schools suggests that the principal aim of the college course should be to give the student a thorough mental training by means of fundamental subjects such as English, history, foreign language, the natural and social sciences. The Carnegie Foundation, in a report on pre-legal education found that among law schools the following major subjects were recommended most frequently in the order named: history, economics, English, political science, a foreign language, philosophy, a natural science, sociology, and mathematics.

The following pre-professional program is recommended with a field of concentration in economics, history, philosophy and psychology, or political science:

Freshman Year	Sem. Hrs.		Sophomore Year	Sem. Hrs.	
	1st.	2nd.		1st.	2nd.
English 101, 102, Comp.	3	3	Econ. 201, 202, Principles	3	3
Speech 101, Fundamentals ..	2	(2)	Pol. Sci. 201, 202, Am. Govt. . .	3	3
Bible 101, New Testament ..	(2)	2	Psychology 221, General	3	
Math. 111, 112 or 151, 152,			Philosophy 310, Logic		3
Introduction	3	3	Nat. Science: Chem., Biol.,		
Nat. Science: Chem., Biol.,			Phys., Geology	4, 5	4, 5
Physics, Geology	(4, 5)	(4, 5)	Foreign Language: Latin or		
Foreign Language: Latin or			French	2, 3	2, 3
French	3, 4	3, 4	Phys. Ed. 101, 102, Soph.	1	1
Hist. 101, 102, World Civ.	3	3			
Phys. Ed. 101, 102, Fresh.	1	1			
				16, 18	16, 18
	17, 19	17, 19			

Junior and Senior Years

	Sem. Hrs.			Sem. Hrs.	
	1st.	2nd.		1st.	2nd.
History 251, 252, American ..	3	3	Econ. 371, Money & Bank'g...	3	
English 209, Adv. Comp.	2		Econ. 352, Labor Problems ..		3
Econ. 375, Public Finance	3		Econ. 391, 392, Adv. Acct'g. . .	4	4
Econ. 372, Bus. Admin.		3	Pol. Sci. 390, Int'l Law	2	
Econ. 281, 282, Accounting ..	4	4	Pol. Sci. 395, Const'l Law ..		2
Pol. Sci. 360, Public Admin. . .		3	Pol. Sci. 381, Eng. Govt.	3	
Psychology 324, Social		2	Philosophy 301, Greek	3	
Philosophy 302, Modern		3	Philosophy 303, Ethics	3	
Philosophy 403, Seminar	3		Philosophy 308, 20th Cent. . .	2	
Sociology 302, Social Probs. . .		3	Philosophy 404, Thesis		3
History 351, Amer. Culture ..	3		Sociology 301, Introduction ..	3	3
Speech 304, Advanced		3	History 341, 342, English	3	3
Classics 327, Roman Civ.	2		Speech 303, Discussion &		
			Debate	3	
			Classics 324, Word Elements..		2

Elect 16-18 hours from above

LIBRARIAN

Graduate Library Schools today offer a Master's degree upon completion of a year's work following college graduation. Basic requirements before entrance to any Library School are quite similar, namely: a broad cultural education and beyond that, a reasonable degree of undergraduate concentration in some specific field or "clusters of related fields." We quote the following

from the catalog of our own Illinois State University Library School. "Because of the variety of opportunities in library service the Library School will admit students with many kinds of undergraduate specialization. . . . The student's undergraduate course of study should include a basic introductory course in each of the following subjects: American government, economics, education, psychology, public administration and sociology. . . . A reading knowledge of one modern foreign language and at least two foreign languages if one expects to enter college or university library work or bibliographical work."

At present there is a great need for librarians who have had good undergraduate preparation in either the physical or biological sciences, or in social sciences.

Candidates for the position of teacher-librarian in school libraries should meet all teaching requirements for a certificate.

The following suggested curriculum is offered for the first two years:

Freshman Year	Sem.		Hrs.		Sem.		Hrs.
	1st.	2nd.			1st.	2nd.	
English 101, 102	3		3	English	3		3
Speech 101	2			Foreign Language	3		3
Bible or Religion			2	Am. Govt. or Economics	3		3
Foreign Language	3, 4		3, 4	General Psychology	3		
History 101, 102	3		3	Education			3
Science	4		4	Electives	3		3
Physical Education	1		1	Physical Education	1		1
	16-17	16-17			16	16	

MEDICINE

Students from Monmouth College are admitted to all the leading medical schools in the country. Although students are admitted occasionally at the end of their junior year, most schools of medicine advise completion of a four-year general college curriculum leading to a bachelor's degree before entering medical school. Medical entrance requirements vary so much that pre-medical students should study the catalogues of two or three medical schools in which they are interested. A program should be worked out at the beginning of the sophomore year, with the adviser familiar with medical school requirements, which will satisfy the entrance requirements of the selected schools.

Freshman Year	Sem.		Hrs.		Sem.		Hrs.
	1st.	2nd.			1st.	2nd.	
English 101, 102	3		3	Physics 201, 202	5		5
Chemistry 105, 106	5		5	Speech 101	2		
Biology 103, 104	4		4	Bible 101			2
Mathematics 111, 112	3		3	Chemistry 301	5		
Physical Education	1		1	Chemistry 204			1
	16	16		Chemistry 206			1
				Language	4		4
				Physical Education	1		1
				Electives			3
					17	17	

Junior Year	Sem.		Hrs.		Sem.		Hrs.
	1st.	2nd.			1st.	2nd.	
Chemistry 201	4			Senior Year			
Biology 306	4			Electives	16		16
Biology 305			4		16	16	
Language	3		3				
Electives	5		9				
	16	16					

THE MINISTRY

Today's minister needs (1), a broad and comprehensive education and (2), a strong knowledge in the area of his special professional concern. The prospective minister should keep both of these needs in mind as he plans his undergraduate program. The curriculum suggested below, while allowing considerable flexibility in the choice of major and minor fields, is designed to meet the above mentioned needs.

Freshman Year			Sophomore Year		
	Sem.	Hrs.		Sem.	Hrs.
	1st	2nd.		1st	2nd.
Bible 101, 102 or 103	2	2	Bible or Religion	2, 0	2, 0
English 101 & 102	3	3	Greek 101, 102	4	4
History 101, 102	3	2	Philosophy 101, 102	2	2
Science or Math.	4	4	Psychology 221, 224	3	3
Speech 101, 102 or 206	2	2	Science or Math.	2, 4	2, 4
Physical Education	1	1	Electives	3	3
	15	15	Physical Education	1	1
				17, 17	17, 17
Junior Year			Senior Year		
	Sem.	Hrs.		Sem.	Hrs.
	1st	2nd.		1st	2nd.
Bible or Religion	2, 3	2, 3	Art 103	2	
English	2, 3	2, 3	Bible or Religion	2, 3	2, 3
Greek	3	3	Economics 201, 202	3	3
Philosophy	2	2	Government 201, 202	3	3
Sociology 301, 302	3	3	Music		2
Electives	5, 3	5, 3	Electives	6, 5	6, 5
	17, 17	17, 17		16, 16	16, 16

MUSIC

Monmouth offers a program of study in the field of music looking forward toward professional work in a number of fields including teaching, performing, composing and arranging, conducting, church music, radio and television, and others. The program for the first two years is basically the same for all music majors and should be followed with minor changes depending upon the student's individual interests. Beginning with the Junior Year options are provided to allow the student to pursue detailed studies pertinent to his major interest.

Freshman Year			Sophomore Year		
	Sem.	Hrs.		Sem.	Hrs.
	1st	2nd.		1st	2nd.
English 101, 102	3	3	Music 201, 202	4	4
Speech	2	(2)	Applied Music	1	1
Bible	(2)	2	Mathematics or Science	4, 5	4, 5
Language	4	4	Language	3	3
Music 101, 102	3	3	Psychology 221 or		
Applied Music	1	1	Education 201	3	
History 101, 102	3	3	Philosophy 202 or		
Physical Education	1	1	Education 232		2, 3
	17	17	Physical Education	1	1
				16, 17	15, 17

(a) For those students whose interests lead them to concentrate in music as preparation for graduate study and for a professional career as a private teacher or performer and for those students who desire a general background in music for a career in some allied field such as editing, publishing, manufacturing, selling, library and secretarial work, etc.

Junior Year	Sem. Hrs.		Senior Year	Sem. Hrs.	
	1st.	2nd.		1st.	2nd.
Music 301, 302	2	2	Music 401, 402	2	2
Music 321, 322	3	3	Music 229, 328	2	2
Applied Music	1, 2	1, 2	Applied Music	1, 2	1, 2
Music 311	2		History 351	3	
Mathematics or Science	4	4	Philosophy 310		3
Philosophy 315	2		Elective	8	8
Religion		3			
History 251, 252	3	3			
				16-17	16-17
	17, 18	16, 17			

(b) For those students who are preparing to teach music in elementary or secondary schools.

Junior Year	Sem. Hrs.		Senior Year	Sem. Hrs.	
	1st.	2nd.		1st.	2nd.
Music 301, 302	2	2	Music 401, 402	2	2
Music 321, 322	3	3	Music 439	3	
Applied Music	1	1	Applied Music	1	1
Education 305A, 311	2	3	Education 313, 314	3	3
Philosophy 315	2		Education 401		5
Music 311, 440	2	2	History 252 or		
Mathematics or Science	4	4	Pol. Science 202		3
Music 438		2	Philosophy 309	2	
	16	17	Religion	3	
			Education 331, 332	2	2
				16	16

(c) For those students who are planning a career in church music.

Junior Year	Sem. Hrs.		Senior Year	Sem. Hrs.	
	1st.	2nd.		1st.	2nd.
Music 301, 302	2	2	Music 401, 402	2	2
Music 321, 322	3	3	Music 439	3	
Applied Music	1, 2	1, 2	Applied Music	1, 2	1, 2
Music 311, 440	2	2	Religion 305, 312	3	2
Mathematics or Science	4	4	Religion 321	3	
Bible 103, 302	2	3	Philosophy 313	3	
Philosophy 315	2		Music 328		2
			Elective		8, 7
	16-17	16-17		16	15

NURSING PROGRAM

Increasing opportunities for nurses with the bachelor's degree to secure appointments as hospital supervisors, teachers in schools of nursing, public health nursing, school nursing, and directors of community nursing service have led to the development of a nursing program at Monmouth College. This program normally consists of 93 semester hours of collegiate work and 30 hours of credit for the professional program. For the collegiate program a minimum of 60 of the 93 hours must be completed on the Monmouth College campus with a grade point average of 2.5 or above and all graduation requirements must be fulfilled. (The last 30 hours of the 93 hours spent in residence at Monmouth College will be accepted in lieu of the senior residence requirement.) Upon completion of the professional course and the granting of the R.N., the candidate must be recommended to the faculty of Monmouth College by the faculty of the school of nursing before the degree of bachelor of arts is conferred.

Monmouth College has an affiliated program which has been approved by the Illinois State Board of Nurse Examiners with Wesley Memorial Hospital in Chicago. To be eligible for the bachelor's degree from Monmouth College under this program the student must complete the college requirements before beginning the professional course. The length of the professional course

is 31 months at Wesley Memorial Hospital. Completion of the professional course entitles students to take state licensing examinations for registered nurses.

Freshman Year		Sem.	Hrs.	Sophomore Year		Sem.	Hrs.
		1st.	2nd.			1st.	2nd.
English 101, 102	3	3		Chemistry 103, 104	4	4	
Language	4	4		Language	3	3	
Biology 103, 104	4	4		Psychology 221	3		
Speech 101	2			Psychology 224		3	
Bible 101		2		Physical Education	1	1	
Physical Education	1	1		Electives	5-6	5-6	
Electives	2-3	2-3					
		16-17	16-17			16-17	16-17

Junior Year		Sem.	Hrs.
		1st.	2nd.
Biology 303, 304	3	3	
Sociology 301	3		
Sociology 302		3	
Electives	10-11	10-11	
		16-17	16-17

OCCUPATIONAL THERAPY

Occupational therapy is a profession which has become prominent because of needs brought about by the war. Occupational therapists, under the direction of physicians, use various physical and mental activities to aid the patient in his recovery and adjustment to life. The course required for registry by the American Occupational Therapists Association includes basic cultural subjects, biological sciences, technical subjects and clinical practice. The first two years of this course may be taken at Monmouth. Checking in advance with the schools offering accredited courses in occupational therapy is recommended in order to avoid overlapping of curriculum and to insure transfer without loss of credit.

Freshman Year		Sem.	Hrs.	Sophomore Year		Sem.	Hrs.
		1st.	2nd.			1st.	2nd.
English 101, 102	3	3		Psychology 211	3		
Speech 101	2			Psychology 224		3	
Bible 101		2		Chemistry 301	5		
Chemistry 103, 104	4	4		Sociology 301	3		
Biology 103, 104	4	4		Biology 303, 304	3	3	
Art 211	2			Physical Education	1	1	
Art 212		2		Electives	1-2	9-10	
Physical Education	1	1					
		16	16			16-17	16-17

PHYSICAL EDUCATION—HIGH SCHOOL TEACHING

The school laws now require an increased emphasis upon physical education in all grades of the public schools. The opportunities for young men and women prepared to be teachers and directors of physical education are greater than ever before. Monmouth College includes the Department of Physical Education as a department in which a student may major. The course suggested below prepares the student for a position as teacher or director of physical education in high school. By careful selection of elective subjects, the student may be prepared to teach not only physical education but also at least two other subjects.

Freshman Year		Sem.	Hrs.	Sophomore Year		Sem.	Hrs.
		1st.	2nd.			1st.	2nd.
English 101, 102	3	3		Language	3	3	
Language	4	4		Bible or Religion	3		
Biology 111-112	4	4		Education 201, 232	3	3	
Physical Ed. 205, 206	2	2		Social Studies	3	3	
Speech or Bible	2			Physical Ed. 210	2		
Speech or Bible		2		Electives	2	(5, 7)	
*P. E. W. 105, 106	1	1		P. E. W. 110, 130	1		1
P. E. M. 101, 102				P. E. M. 112, 130			
	16	16			17	17	
Junior Year		Sem.	Hrs.	Senior Year		Sem.	Hrs.
		1st.	2nd.			1st.	2nd.
Physical Ed. 211	4			Education 401	3	2	
Physical Ed. 309			3	Education 307, 308	2	2	
Education 311, 314	3	3		Phys. Ed. 305, 306	3	3	
P. E. M. 303, 304	3			Phys. Ed. 455		2	
P. E. W. 301	3			Phys. Ed. Women 454		2	
Electives	(2, 3)	6, 7)		Phys. Ed. Men 301, 302	3	3	
P. E. W. 107, 114	1	1		Electives	(5, 7)	5	
P. E. M. 111, 112				P. E. W. 109, 120	1	1	
	17	17		P. E. M. 110, 115			
					17	17	

* College credit toward graduation is granted for only four hours of service courses, but majors in the field are required to take eight semesters of physical education service courses.

PHYSICAL THERAPY

At the present time, there is considerable demand for physical therapists by hospitals, rehabilitation or treatment centers, and public health and welfare agencies. Physical therapists give physical therapy prescribed by a physician for almost every type of illness or condition.

Training for the profession is obtained through attendance at one of the schools approved by the Council of Medical Education and Hospitals of the American Medical Association. There are 27 civilian schools and one military school offering training in physical therapy. The certificate course ranging from 12-16 months is offered in some schools. In other schools the course is two years in length and is open to persons who have completed two years of college; in still other schools a student may enter as a freshman for a four-year course or transfer to a degree course in any year up to the senior year.

In addition to the types of courses listed above a number of schools offer one-year courses in physical therapy. Candidates for admission to the one-year course should satisfy one of the following requirements: (1) graduation from an accredited school of nursing; (2) graduation from an accredited school of physical education; (3) three years of approved college training including satisfactory courses in biological and physical sciences. Courses in general physics and chemistry, as well as courses training in physical therapy. A high school graduate may (1) select a college or university that offers a program leading to a degree in physical therapy; (2) attend an accredited college, university, or junior college for two years and transfer to a two year physical therapy course; or (3) attend an accredited college or university for three years of study leading to the baccalaureate degree with a major in physical education or science and enter a one-year course in physical therapy.

Students entering Monmouth College should follow the prescribed curriculum in the area of biology, chemistry, physics, or physical education. It is well to check in advance with the school of physical therapy of your choice to avoid overlapping of courses and to assure transfer of credit without loss.

PHYSICS

The courses outlined here prepare the student for graduate work in physics, or may be taken as a foundation for industrial physics. Students preparing for graduate work should include as many courses in mathematics and chemistry as their schedules permit.

Freshman Year			Sophomore Year		
	Sem.	Hrs.		Sem.	Hrs.
	1st.	2nd.		1st.	2nd.
English 101, 102	3	3	Mathematics 251, 252	3	3
Mathematics 151, 152	3	3	Physics 205, 206, 301	5	2
Physics 101, 102	4	4	Foreign Language	4	4
Speech, Bible	2	2	Physics 204		3
Electives	3	3	Electives	4	4
Physical Education	1	1	Physical Education	1	1
	16	16		17	17
Junior Year			Senior Year		
	Sem.	Hrs.		Sem.	Hrs.
	1st.	2nd.		1st.	2nd.
Mathematics 301, 302	3	3	Physics 302, 308	3	3
Physics 303, 304	4	3	Physics 306	3	
Foreign Language	3	3	Electives	11	14
Chemistry 105, 106	5	5			
Electives	2	3		17	17
	17	17			

RELIGIOUS EDUCATION

CHURCH SECRETARY — CHRISTIAN LEADERSHIP

The need of our Churches for Directors of Religious Education and pastor's assistants is being increasingly stressed. Graduate study in this area, when added to some undergraduate training, provides the most thorough formal training for full time work. There are numerous opportunities, however, for part time work. Frequently the person who is trained in this work will be obliged to live in a community that can only offer part time employment. Opportunity to supplement the income of part time employment can frequently be met by public school teaching. The curriculum suggested below provides for a major in the department of Bible and Religion. The teacher training aspect of the suggested curriculum is designed to meet the present State requirements for public school teaching in the elementary grades. Modifications for high school teaching may be arranged. Teacher training is a decided asset in Religious Education. Students interested in this field should consult the head of the Bible department.

Freshman Year			Sophomore Year		
	Sem.	Hrs.		Sem.	Hrs.
	1st.	2nd.		1st.	2nd.
Bible 101, 102 or 103	2	2	Bible 302	3	
English 101, 102	3	3	History 101, 102	3	3
Science	4	4	Foreign Language	3	3
Foreign Language	4	4	Education 201		3
Speech	2		Education 232		3
Art		2	Philosophy 101	2	
Physical Education	1	1	Philosophy 313		3
	16	16	Psychology 221	3	
			Physical Education	1	
			Physical Education 220		2
			Music 153, 154 or demonstrated proficiency ..	0	0
				15	17

Junior Year		Sem.	Hrs.	Senior Year		Sem.	Hrs.
		1st.	2nd.			1st.	2nd.
Science		2,	3	English		2	2
Religion 303, 304		3	3	Government 201, 202		3	3
Religion 321		3		Science	0,	2	0, 2
Religion 306			3	Education 401	5,	0	5, 0
Education 305a		2		Music 263, 264		1	1
Education 305b		2		Religion 402	0,	2	0, 2
Education 306a			2	Electives	5,	11	5, 11
Education 306b			2				
Education 331		2				17,	17
Education 335			3			17,	17
Music 263, 264		1	1				
		15,	16			16,	17

Demonstrated proficiency in typing will be required. The State of Illinois requires all candidates for teaching certification to pass an examination on the Constitution of the United States and of the State of Illinois.

SECRETARIAL TRAINING

A student who looks forward to a secretarial position may make preparation in two years. It is recommended, however, that whenever possible a student should plan to devote not less than four years to preparation for this vocation in order to acquire a larger acquaintance with the economic, social, and political organization of the 20th century. During the junior and senior years of such a program, a student should choose courses in accord with the program of study outlined under Business Administration.

Students preparing to teach commercial subjects in high school should give careful attention to the state teaching requirements of the state in which they expect to locate. The requirements of Illinois will be found in the program of study recommended for teaching.

Freshman Year		Sem.	Hrs.	Sophomore Year		Sem.	Hrs.
		1st.	2nd.			1st.	2nd.
English 101, 102, Comp.		3	3	English 300, Adv. Comp.		2	
Speech 101, 102, Fundamentals (2)		2	2	Sec. Sci. 301, 302, Adv.		3	3
Bible or Religion		2	(2)	Mod. Language: Spanish,			
Mod. Language: Spanish,				French, German	2,	3	2, 3
French, German	3,	4	3, 4	Economics 281, 282,			
Math. 111, 112 or 151, 152 ..		3	3	Accounting	4		4
Phys. Ed. 101, 102		1	1	Phys. Ed. 201, 202, Soph. ..	4		4
		13,	15			15,	16
			18, 20				15, 16

* No college credit for Secretarial Science 101 and 103.

SOCIAL SCIENCE

For students who are looking forward to graduate work in some field of social service the following undergraduate program of studies is recommended. The field of concentration should be chosen from a combination of the following subjects: economics, education, government, history, philosophy and psychology and sociology.

The work of the first two years is outlined in detail. During the junior and senior years the student may take the courses listed and also a number of electives courses. Elective courses may be selected from above mentioned subjects and art, Bible, English, geography, home economics, physical education, and music.

Freshman Year			Sophomore Year		
	Sem.	Hrs.		Sem.	Hrs.
	1st.	2nd.		1st.	2nd.
English 101, 102, Comp.	3	3	Modern Language	2, 3	2, 3
Speech 101, Fundamentals ..	2	(2)	Geography 101, 102, Physical		
Bible or Religion	(2)	2	and Human	3	3
Mod. Language: Spanish,			Psychology 221, General	3	3
French, German	3, 4	3, 4	Economics 201, 202, Principles	3	3
Phys. Ed. 101, 102	1	1	Government 201, 202, American	3	3
Biology 111, 112	4	4	English 300, Adv. Comp. or		
History 101, 102	3	3	306, Creative Writing	2	(2)
			Psychology 224, Applied		3
	16 17	16-17	Economics 283, Federal In-		
			come Tax or Home Ec. 203,		
			Elementary Nutrition		2
			Phys Ed 201, 202, Soph.	1	1
				17, 18	18, 19
Junior Year			Senior Year		
	Sem.	Hrs.		Sem.	Hrs.
	1st.	2nd.		1st.	2nd.
Bible	3	3	History 351, Amer. Culture ..	3	
Government 360, Pub. Finance		3	Economics 352, Labor Probs.		3
Sociology 301, Introduction ..	3		Sociology 305A, Racial Tensions	3	
Sociology 302, Soc Problems..		3	Sociology 304B, Community ..	3	
Sciology 306, The Family	2		Education 331, Child Psychol.		2
Sociology 308, Social Work ..		2	Education 332, Adol. Psychol..		2
Psychology 323, Abnormal	2		Education 335, Meas. & Guid.		3
Psychology 324, Social		2	Philosophy 303, Intro., Ethics	3	
Geography 320, Cartography..	2		Philosophy 304, Pol. & Social		
Education 333, Mental Hygiene		3	Ethics		3
Electives	4, 5	1, 2	Electives	5	2, 3
	16, 17	17, 18		16	16, 17

SPEECH AND THEATRE ARTS

Monmouth offers a program of study in the field of speech and theatre arts looking toward professional work in a number of fields including radio, television, the theatre, the teaching of speech and play production in high schools, speech pathology, and others. The program for fields of emphasis are outlined below. Students preparing to teach should give careful consideration to the teaching requirements of the state in which they expect to locate.

Freshman Year			Sophomore Year		
	Sem.	Hrs.		Sem.	Hrs.
	1st.	2nd.		1st.	2nd.
English 101, 102, Comp.	3	3	Speech 235, 236, Dramatics ..	1½	1½
Speech 136, Dramatics		0	Speech 206, Adv. Pub. Spkg.		2
Speech 101, Fundamental	2		Speech 215, Debate	1	
Bible 101, Jesus		2	Speech 221, Voice & Diction ..	2	
Biology 111, 112, General	4	4	Speech 222, Interp. Reading..		2
Mod. Language: Spanish,			Speech 224, Acting		3
French, German	4	4	Speech 102, Extempore	2	
History 101, 102, World Civ.	3	3	Gov't. 201, 202, Amer.	3	3
Physical Education	1	1	Modern Language	3	3
	17	17	Biology 203, Genetics	2	
			Psych. 221, General	3	
			Psych. 224, Applied		3
			Physical Education	1	1
				17½	17½

Junior Year	Sem. 1st.	Hrs. 2nd.	Senior Year	Sem. 1st.	Hrs. 2nd.
English 201, 202, Brit. Surv.	3	3	English 312, Great Books..		2
English 202, Amer. Survey ..	3		English 314, Shakespeare ..		3
Speech 335, 336, Dramatics ..	$\frac{1}{2}$	$\frac{1}{2}$	Classics 221, Mythology	2	
Speech 315, Oration	1		*Speech 341, Phonetics	3	
Speech 204, Radio		3	Speech 321, Ad. Interp.	2	
*Speech 303, Dis. & Debate ..	3		Speech 435, 436, Dramatics..	$\frac{1}{2}$	$\frac{1}{2}$
*Speech 304, Hist. of Oratory		3	Speech 313, Play Prod.		3
Gov't. 300, Current Events ..	2		Sociol. 301, Intro.	3	
Hist. 251, 252, American	3	3	Sociol. 302, Problems		3
Philos. 202, Introduction	2		Psych. 324, Social Psych.	2	
Philos. 310, Logic		3	Biology 208, Evolution		2
Religion 306, World Rel.		3	Music 226, 227, Appreciation	2	2
			Art 103, Survey	2	
	17 $\frac{1}{2}$	18 $\frac{1}{2}$		16 $\frac{1}{2}$	15 $\frac{1}{2}$

*Speech 303, 304 may be taken senior year.

**Speech 341 may be taken junior year.

SUGGESTED CURRICULUM FOR THEATRE ARTS

Freshman Year	Sem. 1st.	Hrs. 2nd.	Sophomore Year	Sem. 1st.	Hrs. 2nd.
Speech 101, 102	2	2	Speech 235, 236, Dramatics ..	$\frac{1}{2}$	$\frac{1}{2}$
English 101,	3	3	Speech 221, 222, Interp.	2	2
Speech 136		0	Speech 224, Acting		2
Bible 101		2	Language	3	3
Modern Language	4	4	Social Studies	3	3
Science	4	4	Science (Non-Lab.)	3	3
Physical Education	1	1	Physical Education	1	1
Electives	3	0	Electives	4	2
	17	16		16 $\frac{1}{2}$	16 $\frac{1}{2}$
Junior Year	Sem. 1st.	Hrs. 2nd.	Senior Year	Sem. 1st.	Hrs. 2nd.
Bible	3		Speech 311, History Theatre ..	3	
Speech 335, 336, Dramatics ..	$\frac{1}{2}$	$\frac{1}{2}$	Speech 341, Phonetics	3	
Speech 202, Disc. & Debate ..	3		Speech 435, 436, Dramatics ..	$\frac{1}{2}$	$\frac{1}{2}$
Speech 314, Stagecraft	3		Speech 445, Directing		1
Speech 313, Play Prod.		3	Philos. 315, Aesthetics	2	
Speech 204, Radio		2	Philos. 310, Logic		3
Speech 321, Interp.	2		Eng. 351, Eng. Drama	2	
Psychology 221		3	Eng. 306, Creative Writing ..		2
English 309, Drama Survey ..	2		Electives	6	11
English 314, Shakespeare		3		16 $\frac{1}{2}$	17 $\frac{1}{2}$
Electives	3	5			
	16 $\frac{1}{2}$	16 $\frac{1}{2}$			

Sophomore Social Studies should be a sequence such as History 101, 102.

TEACHING

The liberal arts colleges of America are making an invaluable contribution to the progress of education by training teachers and administrators for all levels of the school system but particularly for the high schools and other secondary schools. Approximately seventy-five per cent of the high school teachers of the United States are graduates of the liberal arts colleges.

This outline of courses is intended merely to be illustrative. It is suggested for one who is preparing to teach mathematics and natural science in high school, with English, social science or a foreign language as a third teaching subject.

Freshman Year	Sem. Hrs.		Sophomore Year	Sem. Hrs.	
	1st.	2nd.		1st.	2nd.
Eng. 101, 102, Comp.	3	3	Math. 251, 252, Calculus	3	3
Speech 101, Fundamentals ...	2		Science	4, 5	4, 5
Bible or Religion		3	Foreign Language	2, 3	2, 3
Math. 111, 112, 151, 152	3	3	Psychology 221, General	3	
Foreign Language	3, 4	3, 4	Education 206, Ed. Psychol...		3
History 101, 102	3	3	Physical Education 201, 202...	1	1
Phys. Education 101, 102	1	1	Electives	3	3
	17, 19	18, 20		16, 18	16, 18

Junior and Senior Years

	Sem. Hrs.			Sem. Hrs.	
	1st.	2nd.		1st.	2nd.
Mathematics 301, 302	3	3	Ed. 307, 308, Administration ..	2	2
Science	4, 5	4, 5	Econ. 201, 202, Principles ..	3	3
Bible or Religion	3		Pol. Sci. 201, 202, Am. Govt.	3	3
Education 313, Hist. of Educ.	3		Soc. 301, 302, Prin. & Prob...	3	3
Education 314, Principles of Teaching H. S.		3	Electives	6, 8	9, 11

TECHNICIAN—LABORATORY OR HOSPITAL

The Registry of Medical Technologists has prescribed certain minimum pre-professional requirements for all who are preparing for this profession. The following program of study enables a student to meet these requirements in two years. It is recommended, however, that a student spend three and preferably four years in pre-professional study, thus securing a bachelor's degree before beginning his professional training. If the latter program is followed, the student's course of study during the first two years will be altered to include less of the scientific work in the freshman and sophomore years by referring some of it until the junior and senior years. A student following a four-year program should choose biology or chemistry as his field of concentration. Mathematics, slide rule, chemical calculations and typing are highly recommended.

Freshman Year	Sem. Hrs.		Sophomore Year	Sem. Hrs.	
	1st.	2nd.		1st.	2nd.
English 101, 102	3	3	Chemistry 201	4	
Speech 101	2		Chemistry 301	5	
Bible 101		2	Physics 101, 102	4	4
Biology 103, 104	4	4	Biology 301	4	
Chemistry 105, 106	5	5	Biology 302		3
Physical Education	1	1	Physical Education	1	1
Electives	1-2	1-2	Electives		8-9
	16-17	16-17		18	16-17

VETERINARY MEDICINE

Veterinary medicine is offered by certain universities and agricultural colleges. Men and women are trained to aid agriculture by the control of animal diseases, and to protect the public health by suppressing and controlling animal diseases communicable to man, and by training for inspection of foods of animal origin.

Two years of pre-veterinary instruction are usually required for admission to colleges of veterinary medicine. The proposed curriculum below will in general satisfy the requirements of most schools, however, the student should check the pre-professional requirements of the veterinary school of his choice.

Freshman Year			Sophomore Year		
	Sem.	Hrs.		Sem.	Hrs.
	1st.	2nd.		1st.	2nd.
English 101, 102	3	3	Chemistry 201	4	
Chemistry 105, 106	5	5	Chemistry 301	5	
Biology 103, 104	4	4	Biology 204		5
Foreign Language	4	4	Physics 101, 102,	4	4
Physical Education	1	1	Bible 101	2	
			Speech 101		2
			Electives		4
			Physical Education	1	1
	17	17		16	16

THE WASHINGTON SEMESTER PROGRAM

Since 1953 Monmouth College has been an active member of the Washington Semester Program, which is sponsored by the American University, Washington, D. C. The college has the privilege of sending three Junior students to participate in a special academic and cultural program in the nation's capital. The selected students register at Monmouth but do their work in Washington under the guidance of trained experts at the American University. Students who participate in the program have an opportunity to see the federal government in action, to do research in the great libraries in Washington, and to enjoy the cultural life of one of the world's important cities. To qualify as candidates for the program, students should have at least one course in American government and one in American history. They must also be able to do independent study and have a high academic standing. The program is administered in part by an intercollegiate committee of professors representing the various member colleges in the program.

LIFE ON THE CAMPUS

RELIGION ON THE CAMPUS

MONMOUTH, COLLEGE by heritage and purpose is a Christian College, with the objective of providing education and developing personality around a core of Christian principles and ideals. Life on the campus is influenced by the close relationship of the College to the United Presbyterian Church of North America.

CHAPEL SERVICES

Regular Chapel services are held under the direction of the President and the Chapel Committee. Vesper services at which the President presides and preaches are held the first Sabbath afternoon of each month. Attendance at Chapel and Vespers is required of all students.

THE CHRISTIAN ASSOCIATION

The Y. M. C. A. and Y. W. C. A. are active on the campus and contribute in many ways to the social and religious life of the college. The two groups plan and support the religious meetings, the "Religious Emphasis" period, and other religious activities. An important work of the Christian Associations is to welcome new students to the campus.

ICHTHUS CLUB

Ichthus Club is the organization of men and women who have enlisted their lives in one of the professions of Christian leadership. It offers devotional meetings, fellowship, and other organized activities to its members.

GOSPEL TEAMS

To give students an opportunity to express their Christian convictions, a Gospel Team program is maintained each year. This activity is not limited to Bible majors. Students from all departments interested in Christian service participate. The teams conduct a variety of church services, lead young people's meetings, visit the County Home, and provide leadership for many of the campus Christian meetings.

RELIGIOUS EMPHASIS PERIOD

A special period each year is devoted to an emphasis upon the spiritual needs of the students. Usually a guest minister spends several days on the campus conducting the Chapel services and counselling with students individually and in groups.

COLLEGE AND STUDENT ORGANIZATIONS

STUDENT ASSOCIATION

This organization of the student body directs such student activities, and regulates such matters of student conduct as fall within its province. Its officers are president, vice president, secretary and treasurer.

The Student Council, through which the organization functions, consists

of the several class presidents, fraternity, sorority and independent representatives, student publication editors, YMCA and YWCA representatives, and those from the various dormitories.

COLLEGE PAPER

The Oracle, a weekly paper, issued by the students, furnishes opportunity to cultivate a literary taste and spirit, and gain practice in news gathering, editing, proof reading, advertising and other features of newspaper work.

FRATERNAL ORGANIZATIONS

Eight sororities and fraternities have been authorized by the Senate of the College, and are functioning under faculty supervision. Four of these, Kappa Kappa Gamma, Pi Beta Phi, Alpha Xi Delta, and Kappa Delta are for women, while the other four, Sigma Phi Epsilon, Alpha Tau Omega, Tau Kappa Epsilon, and Theta Chi are men's organizations. All groups are affiliated with the national organizations of the same names.

Kappa Kappa Gamma and Pi Beta Phi, two outstanding national sororities, were founded on the Monmouth campus.

INDEPENDENT ORGANIZATIONS

There are two organizations for independent students on the campus. Both are affiliated with the National Independent Student Association.

HONORARY FRATERNITIES

SIGMA OMICRON MU is an organization whose purpose it is to promote scholarship and foster intellectual achievement. Only juniors and seniors who have consistently maintained high standards of scholarship are eligible for membership.

TAU PI, senior women's organization, gives recognition to outstanding women by choosing them to membership at the end of the junior year.

ALPHA LAMBDA DELTA is a national honorary scholastic sorority organized to encourage high scholarship among women of the freshman class.

PHI ETA MU, an honorary freshman scholastic fraternity, was founded in 1931 to promote high scholarship among men of the freshman class.

OCTOPUS, senior men's honorary society, chooses eight outstanding men from the junior class each year, who are active members of the organization as seniors.

SIGMA TAU DELTA, national English fraternity whose Rho Alpha chapter was organized at Monmouth in 1926, holds monthly programs to encourage creative writing among its members. Original papers are presented followed by discussion and criticism.

PI KAPPA DELTA is an honorary national forensic society. Membership in the local chapter is limited to students who have represented the college for two years in intercollegiate oratorical or debate contests.

CRIMSON MASQUE is the dramatic club of Monmouth College. It was organized in 1925 and its purpose is "to acquire an appreciation of good drama, skill in acting and producing plays, and to develop poise and power through self-expression." Students are eligible at the beginning of the second semester of the freshman year and admitted to membership after extensive try-outs

in acting and stagecraft. (See Department of Speech). Crimson Masque occupies the College Theatre and owns all theatrical equipment, fixtures and furnishings in the building. Under the supervision of the faculty director, the club presents several public and laboratory productions each school year.

NATIONAL COLLEGIATE PLAYERS is a national honorary dramatic fraternity which represents the organized educational theatre in America. National Collegiate Players joins together "trained college men and women" who "will serve as an intelligent nucleus to better and to further the interests of dramatic activities in the United States." Students who belong to Crimson Masque are eligible for membership.

PHI ALPHA THETA, national honorary history fraternity whose Beta chapter was organized at Monmouth in 1948, limits membership to history students of high scholastic standing. The fraternity attempts to stimulate an intelligent interest and participation in historical research.

BETA BETA BETA is a national honorary biological fraternity whose Gamma Pi chapter was recognized on the campus in 1945. The purpose of the organization is to promote scholarship and introduce students to methods of biological research.

PI ALPHA NU, an organization of campus musicians, serves to promote closer friendship among musically inclined individuals, and encourage higher standards of study, work and performance.

INTERNATIONAL RELATIONS CLUB consists of the students of the history and political science departments who are interested in the knowledge of the life, problems and aspirations of other people than our own. Monmouth is one of approximately forty colleges in the United States affiliated with the Institute of International Education of New York City and with the Carnegie Endowment for International Peace.

STUDENT AFFILIATES OF THE AMERICAN CHEMICAL SOCIETY, with membership limited to students who are majoring in chemistry, sponsors meetings, exhibits, and tours of industrial and research laboratories. The Monmouth chapter participates in the meetings of the Illinois-Iowa section of the A. C. S. at which they have the privilege of hearing chemists of national prominence discuss original research projects.

ETA SIGMA PHI is a national honorary organization for students who have attained at least a "B" average in college work in Latin or Greek.

BLUE KEY is a national honorary group, limited to outstanding upperclass men.

MUSIC ORGANIZATIONS

THE CHOIRS. *The Vesper Choir* appears at the monthly vesper service and at other important religious and academic gatherings. *The College Chorale* sings at the daily chapel services and gives programs both on the campus and in nearby communities. *The Monmouth College Choir* is a select group of singers chosen from the Vesper Choir. Both the College Choir and the College Chorale make an extended tour each spring.

THE ORATORIO SOCIETY, an extra-curricular group, presents annually Handel's Messiah or some other major choral work. Membership is open to all students.

THE BANDS. The two *Monmouth College Bands* are the Concert Band and

the Service Band. The latter group plays for the athletic contests, Homecoming parades and similar events. Two full years of participation in this band are rewarded by an "M" sweater. The concert Band is a repertoire organization. It aims to help the student become acquainted with a variety of music and to be trained in the art of directing. Plenty of opportunity for student directors to appear in public is guaranteed by weekly outdoor concerts given in the spring.

THE ORCHESTRA. The symphony orchestra gives at least two full concerts each year. The members of this group are privileged to participate in various ensemble groups at public concerts during the year. This greatly increases the opportunity and variety of performance as well as the individual responsibilities. Academic credit is granted for participation in these organizations.

INTERCOLLEGIATE FORENSICS

Monmouth College sponsors a program of intercollegiate forensics, both for men and women, with competition in the fields of debate, oratory, extempore speaking and discussion. Teams participate in several contests each year including the Pi Kappa Delta Province Tournament and the Pi Kappa Delta National Tournament. Orators from Monmouth compete each year in the Interstate Oratorical Contest. In addition to intercollegiate competition, members of forensic teams cooperate in sponsoring a Freshman Public Speaking contest, campus debates, and Speech Week.

ATHLETICS

Monmouth College is a member of the Midwest Collegiate Athletic Conference. Intercollegiate competition is carried on in football, basketball, track, cross-country, swimming, golf, tennis, wrestling, and baseball. In recent years intercollegiate competition in rifle for both men and women has been held in affiliation with the American Rifle Association.

Intramural competition is provided in basketball, handball, volleyball, badminton, softball, track, swimming, golf, and tennis. Teams are organized to represent various groups in the college; residence halls fraternities and independent groups. Suitable awards are provided for each sport.

The Women's Athletic Association is affiliated with the National Athletic Conference of American College Women. Its purpose is to promote the physical education of Monmouth Women by:

1. The formation of good health habits.
2. Promotion of interest in games and all forms of activity which make for increased physical efficiency.

HEALTH SERVICES

Monmouth College is vitally concerned with the prevention of sickness and the promotion of good health among its students. Medical facilities are provided so that every student's health and physical efficiency may be maintained at a high level. Cases of illness which arise receive prompt and adequate medical care.

Part of the first floor of Winbigler Hall for Women is equipped as an

infirmary with accommodations for twelve women patients. Hospital facilities for men are provided at the city hospital.

Dispensary services are available for all students. Two physicians on the staff of the college provide full-time health service. A registered nurse is in residence on the dispensary floor so that twenty-four hour medical service is available to meet emergencies.

A program of Hospital Insurance with specified hospital and surgical benefits is provided without additional charge for all students carrying 12 or more hours of college work. Details of this plan are available in the Admissions Office and the Business Office.

COLLEGE REGULATIONS

GOVERNMENT

THE COLLEGE expects its students to conduct themselves as responsible members of a Christian community. Those who persistently refuse to conform to the spirit and regulations of the institution will not be permitted to remain in college.

The College opposes drinking, gambling, and hazing in all forms. The use or possession of alcoholic beverages on or off the campus is not permitted by the College.

RELIGIOUS MEETINGS

All students, unless excused by the Faculty Committee on Absences, are required to attend daily Chapel service, and the monthly Vesper service held on the first Sabbath afternoon of each month in the College auditorium. It is expected that students will attend public worship in some church on the Sabbath.

REGULATIONS

Rules governing registration, attendance, conduct and probation will be published in a handbook to be distributed at the beginning of the school year.

GRADES

All students in a class are ranked according to their work. Each teacher determines the rank of his own students in his own way. The following grades are used:

- A, excellent, earns four grade points per semester hour.
- B, good, earns three grade points per semester hour.
- C, fair, earns two grade points per semester hour.
- D, poor, earns one grade point per semester hour.
- E, conditioned.
- I, incomplete.
- F, incomplete.
- W, withdrawn.

CLASSIFICATION

The student who has thirty-one hours of college credit and who has a grade point average of 1.6 is classified as a sophomore; sixty-two hours of credit and an average of 1.8 as a junior; ninety-three hours of credit and an average of 2.0 as a senior.

HONORS AT GRADUATION

The honors at graduation are either summa cum laude, magna cum laude, or cum laude. The student is ranked upon his own merit, not upon his comparative standing. To be eligible for honors at graduation a student must have been in residence at least four semesters. To be eligible for the honor summa cum laude, the work taken in residence must average 3.9 grade points per hour. To be eligible for honors magna cum laude, the work taken in residence must average 3.75 grade points per hour. To be eligible for honors cum laude, the work taken in residence must average 3.5 grade points per hour.

RECORDS AND REPORTS

A permanent record of all credits obtained by each student is kept by the registrar. These credits are kept on the basis of a full semester, no entry being made for less. No credits are placed in the records except as they are officially reported by the teacher under whom the work is done.

Reports are sent to parents or guardians as soon after the close of the semester as possible.

ATHLETIC FIELD

The athletic field and gymnasium are under the supervision of the Board of Athletic Control.

There shall be no match games played on the field during recitation hours without the consent of the faculty. There shall be no subletting of the field or gymnasium to any outside association, club or individuals for the purpose of playing games, sharing gate receipts, or for any other purpose whatsoever except as authorized by the Board of Athletic Control and by the President of the College.

ABSENCES

Attendance is required at the last meeting of a class before and at the first meeting of a class after a college vacation. Students who have urgent reasons for absences immediately before or after vacations may be excused by the dean. A student who is absent from a class on one of these days, unless excused, will be dropped from that class and may be readmitted only by permission of the dean and payment of a fee of \$3.00 for each class to which he is readmitted.

POLICY ON THE USE OF AUTOMOBILES

A. General Regulations:

Monmouth College students (except freshmen) are permitted to maintain and operate automobiles in accordance with the following regulations which shall be administered by a committee composed of the Dean of the College, the Dean of Men, and the Dean of Women.

1. Permission to have an automobile while in attendance at the college is granted only upon written request to the Committee of the Deans. In the case of minors written request of the parent is required. Such requests must show that the owner is insured against property damage and public liability and must

give the name of the company with which such insurance is carried. All students requesting the automobile privilege must prove the possession of a valid motor vehicle operator's license.

2. A student placed on academic probation loses the car privilege until such time as he has earned a C (i. e., 2.0) average in a normal semester's class load.

3. A student who is guilty of a violation of state, city, or college traffic laws may lose the car privilege upon decision of the Committee of the Deans.

4. Students receiving financial aid from the college on the basis of need are not eligible for the car privilege.

5. Any student placed under disciplinary probation shall lose the car privilege for the duration of the probationary period.

6. A student must apply in writing for the waiver of any or all of these regulations such waiver being granted by the Committee of Deans. Application for waiver must include the reason for such waiver in detail.

7. All automobiles operated by Monmouth College students must be registered with the college and must bear the registration sticker issued by the college.

8. It is in violation of the spirit of these regulations for any student who is permitted to maintain and operate an automobile to allow his or her car to be operated by those not permitted to do so.

9. Violation of the above stated regulations will subject the guilty to any or all of the following penalties:

- a. Revocation of car privileges.
- b. Removal of any or all social privileges.
- c. Placing under disciplinary probation.
- d. Suspension or expulsion from college.

B. Freshman Regulations:

In addition to the general regulations for the use of automobiles outlined above, resident freshmen are subject to the following regulations. (Note: Resident freshmen are those freshmen occupying college housing facilities including fraternity houses.)

1. Resident freshmen are not permitted to maintain or operate automobiles in Monmouth or its vicinity while college is in session.

2. An automobile in which a resident freshmen and his belongings are transported to the college at the beginning of a college year or at the end of vacation periods may not be used by the student for any other purpose and must be taken home during the first week end after college re-opens. Students whose homes are located at such a distance from Monmouth as to prevent the return of the car as stated above shall not be permitted to use the vehicle in Monmouth or its vicinity and must make suitable arrangements for its storage as approved by the Committee of Deans. In such cases the automobile is to be returned home at the earliest convenient time after college re-opens.

3. Freshmen may not bring cars to the campus for dances nor before the last day of college before a vacation period for the transportation of baggage to the student's home unless permission has been previously granted by the Committee of Deans.

4. When a parent brings a car to the campus, a freshman may drive it only when accompanied by the parent.

5. Special permission to maintain and operate a car will be granted to resident freshmen only in cases where:

- a. A resident freshmen required the use of an automobile in the conduct of a job. This is not conducted to mean the mere transportation to and from the place of employment but rather the actual doing of the job itself.
- b. Due to undue hardship denial of use of a car would materially impair the ability of the freshman to attend college.

6. It is in violation of the spirit of these regulations for any student permitted to maintain and operate an automobile, regardless of his college class, to permit such motor vehicles to be used by freshmen not permitted to do so. Such violation will result in the revocation of permission to maintain and operate a motor vehicle and will make the student concerned liable to the penalties listed under number 7 below.

7. Violation of the above stated regulations will subject the guilty student to any or all of the following penalties:

- a. Removal of any or all social privileges.
- b. Placing under disciplinary probation.
- c. Suspension or expulsion from college.

EXPENSES

TUITION AND FEES

TUITION AND FEES, excluding fees itemized below, per semester\$325.00

This includes instruction and laboratory fees for a complete program of from 12 to 17 semester hours inclusive (but excluding fees indicated below and minor incidental fees required in special courses), student health service and insurance coverage for the full year, admission to all regular athletic games, artist-lecture course numbers, Student Union dues, one-half of the cost of the Ravelings (year book), a semester's subscription to the Oracle (college paper), admission to plays in the College Theatre, support of forensics and the Student Council. Laboratory breakage is billed at the close of each semester.

A special student, working toward a degree but carrying less than 12 semester hours of work, who desires participation in student activities and the privileges of the Student Union, will be charged at the rate of \$25.00 per semester hour.

A special student carrying less than 12 hours, who does not desire the foregoing student privileges, will be charged at the rate of \$22.50 per semester hour.

When, by special permission, a student carries more than 17 semester hours, the additional charge will be at the rate of \$20.00 for each semester hour above 17.

Unscheduled courses carried by special arrangement with the instructor will be charged for at the rate of \$35.00 per semester hour. If any unscheduled course is part of the normal 17-hour load, the additional charge will be at the rate of \$12.50 per semester hour.

If a regular or special student registers for an evening course in which the instructor is compensated on the basis of enrollment in the course, the student will be required to pay the regular fee for the evening course in addition to any other fees or charges he has paid.

A student carrying a normal program of college work may audit in one additional course without extra charge.

No refund will be made for courses dropped after the second Saturday of the semester.

MISCELLANEOUS FEES

Matriculation fee	\$10.00
Graduation fee, including cap and gown rental	15.00
Student teaching fee, Education 401	10.00
Late Registration fee	3.00
Change of Registration after second Saturday of the semester	5.00
Special fee, Field Geology 330	25.00

DEPARTMENT OF MUSIC FEES

Courses in the Department of Music may be included under the general college tuition upon the same basis as other college courses, except that additional charges are made for private lessons in applied music as shown below.

The rate for credit instruction applies only to those registered as full-time students who wish to include credit in applied music as part of their program. In this case the general tuition charge covers a portion of the music fee.

One private half-hour lesson per week *for credit* may be included without charge up to and including 17 hours in the total semester's program. Two private half-hour lessons per week *for credit* may be included for a charge of \$20.00 up to and including 17 hours in the total semester's program. If however, the credit lesson exceeds the total of 17 hours, then an additional charge of \$20.00 is made for each semester hour above 17. This is in accordance with the 4th paragraph on the preceding page.

Credit status is established by auditions.

One private half hour lesson per week, credit No charge

Two private half hour lessons per week, credit\$20.00

One private half hour lesson per week, non-credit 40.00

Two private half hour lessons per week, non-credit\$70.00

SPECIAL RATES FOR HIGH SCHOOL AND GRADE:

One private half hour lesson per week\$30.00

Family Rate\$50.00

Piano rental per semester: One hour daily, \$5.00; two hours daily, \$8.00; three hours daily, \$10.00.

Organ rental per semester: three hours per week, \$15.00; four hours per week, \$20.00; six hours per week \$25.00; or 35 cents an hour.

SPECIAL EXAMINATIONS

Students absent from a regular final examination or from an announced test will be charged a fee for special examination unless the reason for the absence is illness, illness in the family, or absence as a representative of the college. The fee for a final examination is \$5.00, for an announced test \$2.50. A statement from the Business Office showing that the fee has been paid must be presented before the examination will be given.

TRANSCRIPTS

Each student who has taken work in Monmouth College is entitled to two transcripts, showing the record of his work, without charge. For additional transcripts a fee of \$1.00 each will be charged. No transcript will be issued until the student's college account has been paid.

DORMITORIES

RATES FOR ROOMS, MEALS, AND LAUNDRY

Subject to change if necessitated by rising prices.

Meals, per semester\$200.00
21 meals per week are served during the official school year.

The first meal following a vacation period will be served the morning of the official date when classes are resumed.

The dining room may be closed for several days during the period between final examinations and registration for the new semester.

Room rent, per semester	\$121.00-\$133.00
Laundry, per semester	\$ 10.00

ROOM RESERVATIONS

New student's applications for rooms should be made as early as possible. Freshman rooms are assigned in the order in which room reservations are received. Students in attendance, who plan to return the following year, are given a choice of rooms until May 1st.

The administration reserves the right to hold certain areas, floors, or section in the upperclass women's dormitory as may be needed for any overflow of freshman students. After May 1st, rooms will be assigned by the deans and councilors. Room assignments will not be made for freshmen or upperclassmen until the \$50.00 tuition deposit is received.

ROOM DEPOSITS

New students' room applications must be accompanied by a room deposit of \$10.00 (women), \$20.00 (men). This amount remains on deposit as a breakage or damage fee.

If, because of extraordinary circumstances, a student must cancel a room reservation, refund of the deposit will be made until July 1st. After July 1st, no refund can be made. (Latest refund date for new students entering college at mid-year is January 1st.)

PAYMENTS

New students are required to pay \$50.00, to apply on college expense of the first year, upon receipt of notification of admission. If a student is unable to enter college because of illness or accident, this payment will be refunded if the college is notified prior to July 1st. (January 1st for new students entering at mid-year.)

Returning students are required to pay \$50.00, to apply on college expenses of the following year, not later than May 1st. Refund privileges for returning students are the same as for new students.

Payments for tuition, fees, room and meals are due at the beginning of each semester. A deferred payment charge of \$5.00 will be assessed for all students who defer any part of the semester's bill.

The deferred payment plan requires one-fourth of the total fees to be paid at registration and the balance to be paid in equal installments by the 15th day of each of the succeeding three months.

It is the policy of the college not to send bills to the parents, but to hold the student responsible for the payment of his account.

A charge of 5% will be made on all past-due balances. A student who does not maintain his deferred payments as scheduled will be dropped from classes. A student whose account is not paid in full 10 days before the end of the semester is not eligible to take the final examination in his course.

ESTIMATED ANNUAL EXPENSES

Men and Women

Tuition and Fees	\$ 650.00
Meals in college dining room	400.00
Room in college residence hall	250.00*
	<hr/>
	\$1,300.00

**Room rates vary slightly depending on room assigned.*

In addition, a student should expect to spend from \$30.00 to \$50.00 per year for necessary books and supplies. Incidental expenses and entertainment costs will depend upon the habits of the individual student.

The student who must be partially self-supporting while attending college will find the following types of financial aid available:

STUDENT AID

PART-TIME EMPLOYMENT

Every effort will be made to assist the student in securing employment on the campus or in the community. Campus employment opportunities include waitress work, secretarial work, dormitory desk duty, kitchen work for men, library work, janitor work.

Applications should be filed with the Business Office as early as possible.

STUDENT LOANS

1. HENRY STRONG EDUCATIONAL FOUNDATION

The Henry Strong Educational Foundation allots a certain amount of money each year for loans to upper-class students. Repayments are due after graduation: 25% each year for four years. Interest at 3 per cent accrues after graduation. All repayments are credited to Monmouth College for use in making additional loans. No loans can be made to students over twenty-five years of age.

2. THE AMERICAN BANKERS ASSOCIATION FOUNDATION

The American Bankers Association Foundation makes available loan scholarships to seniors whose major course is in banking, economics or business administration. Repayment due after graduation: monthly installments of no less than \$20.00, up to three years. Interest at 2% accrues after graduation.

REFUNDS

If it becomes necessary for a student to withdraw from college, refunds of tuition will be made in accordance with the following schedule:

During the first and second weeks	80%
During the third and fourth weeks	60%
During the fifth and sixth weeks	40%
During the seventh and eighth weeks	20%
Thereafter	No refund

The refund for board charges will be based on the unused portion of the semester less a penalty of two weeks.

Room rent is not refundable under any circumstances. Students who are not able to abide by dormitory regulations or who show marked unwillingness to cooperate with the House Directors may be asked to move from their rooms without the privilege of refund.

SCHOLARSHIPS AND PRIZES

MONMOUTH COLLEGE believes that financial aid should go to assist students of outstanding promise who otherwise might be unable to avail themselves of an education at Monmouth. Thus, financial assistance will be awarded to students *selected* because of high scholastic aptitude, excellent character, and outstanding previous school record. The range of awards will usually be from \$100-\$600 depending upon scholastic record, need, and activities. In cases of exceptional need the larger figure may be increased.

Financial aid at Monmouth College consists of three types:

I. Scholarships

- A. Freshman awards are made to students who rank in the upper one-fourth of their high school class and whose ability, character, and promise of achievement are outstanding. Size of the awards will depend upon rank in class, need for help, and activities.
- B. Awards may go to upperclass students who have, in the preceding semester, maintained a grade point average of 3.0 (B), who need aid, and whose ability, character, and record indicate continued high achievement.

II. Grants-in-Aid

These awards are made to students of ability and promise who do not qualify scholastically for scholarships but who could not attend Monmouth without financial aid. New students applying for such awards must rank in the upper half of their high school class and show strong record of leadership and participation in extracurricular activities. Upperclass students must have attained a 2.0 (C) average in order to be considered.

III. Educational and Ministerial Courtesies

Children of ministers and educators whose academic records and promise of achievement are satisfactory to the scholarship committee may receive the courtesy of a scholarship or grant-in-aid.

GENERAL

All financial aid listed above is awarded with the understanding that the student will allow sufficient time to study consistently. Failure to maintain the required scholastic average will result in cancellation of the award. All awards (except for mid-year entrants) are made for a one-year period and one half the award is deducted from the student's tuition account each semester. All awards are acted upon by the scholarship committee or by special committees if required by the donors of special funds.

If recipients of these awards register for less than 12 hours of college work, the amount of the award will be reduced by 10% for each hour of reduction.

Students holding awards must reapply before March 15 each year in order to obtain financial aid for the following academic year.

Students receiving aid may not own or operate cars on the Monmouth campus.

Students receiving financial aid from the college, except those whose home are in Monmouth, are required to live in college housing.

It is assumed that students who enroll at Monmouth College do so because it is their *first* choice after carefully surveying the advantages of other schools. The college funds allocated for student aid are intended to assist students to attend Monmouth—not other colleges—as other schools have their own scholarship and aid funds. Consequently, Monmouth College will favor those students in its selection procedures and its financial aid awards who intend to complete four years of liberal arts training leading to the B. A. degree at Monmouth. Conversely, all recipients of aid who transfer before graduation to other degree-granting institutions will be required to refund all such aid, except for those who transfer directly to professional schools.

PROCEDURE FOR APPLICATION

Applicants for any of the above forms of aid must first apply for admission on the usual forms and be accepted. Next, the parents of the applicant must complete, sign, and forward to Box 176, Princeton, New Jersey, the College Scholarship Service "Confidential Statement" in support of request for aid. All forms are available at the Monmouth College admissions Office.

ASSISTANTSHIPS

Student assistantships, another means of providing financial aid, are available in limited numbers to upperclass students of high scholastic standing who are recommended by department heads.

HONORS-AT-ENTRANCE AND HONOR SCHOLARS

In order to recognize and reward outstanding achievement of high school seniors applying for admission to Monmouth College a program of Honors-at-Entrance has been established. A student may qualify for Honors-at-Entrance regardless of whether or not he has received financial aid.

High school seniors who meet the standards established by the Scholarship Committee will receive the following honors:

1. A certificate of merit signed by the president and issued by the college prior to the freshman academic year.
2. The Student's name will be starred (*) and shown as an Honor Scholar when listed in the college catalog and in other official publications which the committee may designate.

Students thus honored upon enrollment at Monmouth College may continue their status as Honor Scholars for succeeding years by exhibiting personal and social character satisfactory to the committee; by carrying extra-curricular responsibility, and by maintaining the following cumulative grade point averages:

Freshman year	3.0	By the end of the freshman year.
Sophomore year	3.2	By the end of the sophomore year.
Junior year	3.5	By the end of the Junior year.

Maintaining the above standards would make the student eligible to be considered for Honors at Graduation.

THE HONOR SCHOLARSHIP COMPETITION

An annual competition for scholarship awards has been instituted beginning with the freshman class entering in September, 1957. Applicants must rank in the upper 20% of their high school graduating class to be eligible for the competitive tests. These awards will be based upon high school records, performance on selected tests, and personal interviews. Need for financial aid will not be considered in determining award recipients in this competition.

The tests for students matriculating in September, 1957 was administered at campus on February 23, 1957. Five four-year scholarship winners will be designated: one to receive \$5200 (\$1300) annually), two to receive \$2600 (\$650 annually), two to receive \$1300 (\$325 annually). Awards will be renewed each year provided recipients show satisfactory achievement. Successful contestants will be required to give the college notice of acceptance of the award and to file application for admission within a limited time after winners are announced. Participants in this competition who do not receive one of these five awards may apply for financial aid in the usual way.

Complete details describing future Honor Scholarship Competitions may be secured from the Director of Admissions, Monmouth College, or from the senior counselor in local high schools.

ENDOWED SCHOLARSHIPS

1. *The Eli B. and Harriet B. Williams Fund.* Hobart B. Williams of Chicago in 1915 established a fund in memory of his father and mother, Eli B. and Harriet B. Williams. This fund is administered by the Continental Illinois National Bank and Trust Company of Chicago. Monmouth College is one of the beneficiaries of the foundation and receives each year a grant to be used in the education of "deserving young people."

2. *The LaVerne Noyes Scholarship.* By the will of Mr. LaVerne Noyes of Chicago, a fund has been established providing financial aid for men who took part in World War I or the direct descendants of such men. These scholarships are awarded upon conditions stipulated in Mr. Noyes' will. Candidates must meet the scholarship standards of the college.

3. *The Kathryn Arbella McCaughn Scholarship.* This is a scholarship endowed in memory of Kathryn Arbella McCaughn of the class of 1921 by her father and mother, Dr. and Mrs. T. E. McCaughn. It yields \$250.00 per year and is awarded by a special committee to a student of superior character and scholarship who thus becomes known as the "Kathryn McCaughn Scholar."

4. *Special Anniversary Scholarships.* These are scholarships endowed at the seventy-fifth anniversary of the college by a special fund in memory of:

Mrs. Minnie McDill McMichael.

Mrs. Jennie Logue Campbell.

Professor Russell Graham.

These scholarships are awarded to upper-class students who have shown superior scholarship, excellence of character, and uniform maintenance of high ideals through at least two years of college work. A special committee has charge of these awards.

5. *The Margaret Lord Music Scholarship.* This scholarship is the gift of Mrs. Josephine Lord Rienzi and Mrs. Mary L. Ferguson and provides \$250.00 per year to be awarded to a student of Junior or Senior standing majoring in music who has shown at least two years of work of superior quality. Preference is to be given to piano students.

6. *The American Association of University Women Scholarship.* This is a \$50.00 scholarship awarded by the Association to some worthy young woman of promise and need.

7. *The Margaret N. Worden Scholarship.* This is a scholarship endowed by Mrs. Margaret N. Worden of Roseville, Illinois, on the basis of a gift of \$2,000.00, and provides \$80.00 annually.

8. *The Margaret N. Worden Scholarship.* This is a scholarship endowed by Mrs. Margaret N. Worden of Roseville, Illinois, on the basis of a gift of \$3,500.00, and provides \$140.00 annually.

9. *The Spring Hill Scholarship.* This scholarship has been endowed by the United Presbyterian Congregation of Spring Hill, Indiana, by a gift of \$2,000.00 and provides \$80.00 annually.

10. *The N. H. and Isabelle Brown Scholarship.* This scholarship endowed by Rev. N. H. and Isabelle B. Brown on the basis of \$2,000.00 has been named in their memory and provides \$80.00 annually.

11. *The J. Boyd Campbell Scholarships.* There are two of these scholarships: (1) one endowed by Miss Effie E. Boyd of Monmouth, is a memorial to her nephew J. Boyd Campbell, providing \$120.00 annually; (2) the second endowed by Mary Boyd of Monmouth in memory of J. Boyd Campbell, is to be awarded to an English major by a committee composed of the college president and the head of the English department. It produces \$40.00 annually.

12. *The Lois Diffenbaugh Scholarship.* This is a scholarship endowed by Mr. and Mrs. J. D. Diffenbaugh providing \$25.00 annually to be awarded to a violin student.

13. *The Mabel Hinman Scholarship.* This is a scholarship providing \$60.00 annually endowed in memory of Miss Mabel Hinman.

14. *The Addleman Scholarship.* This scholarship currently provides \$500 annually to be awarded to a student, or students, planning to enter the ministry whose course includes science as a minor with some electives in business administration.

15. *The Sarah Holmes Bigger Scholarship* endowed by J. Bradford Bigger of Ohio.

16. *The Bohart Scholarship* endowed by Jacob Bohart of Iowa.

17. *The George H. Brush Scholarship* endowed by George H. Brush of Iowa.

18. *The C. G. Denison-William M. Story Scholarship* endowed by Oscar Person of Indiana.

19. *The Bella B. Elliott Scholarship* endowed by Mrs. E. A. Brownlee of Pennsylvania.

20. *The Elmira Scholarship* endowed by the United Presbyterian Church of Elmira, Illinois. This scholarship provides \$140.00 annually.

21. *The John Q. Findley Scholarship* endowed by John Q. Findley of Illinois.

22. *The Gibson Scholarship* endowed by Robert J. Gibson of Iowa.
23. *The Hume Scholarship* endowed by Janet T. Hume of Illinois.
24. *The Jane Kinkaid Scholarship* endowed by Andrew Kinkaid of Indiana.
25. *The Mattie Kinkaid Scholarship* endowed by Andrew Kinkaid of Indiana.
26. *The Lafferty Scholarships* (2) endowed by John Lafferty of Illinois.
27. *The Olive J. Lowry Scholarship* endowed by A. J. Lowry of Michigan.
28. *The Nash Scholarship* endowed by Hugh Nash of Illinois.
29. *The Norwood Scholarship* endowed by an association of college patrons of Norwood, Illinois.
30. *The Adam Oliver Scholarship* endowed by William Oliver of Illinois.
31. *The Somonauk Scholarship* endowed by the United Presbyterian Congregation of Somonauk, Illinois.
32. *The Hanover Scholarship* endowed by the United Presbyterian Congregation of Hanover, Illinois.
33. *The Martha Wallace Scholarship* endowed by Henry Wallace of Iowa.
34. *The J. F. Watson Scholarship* endowed by Mrs. J. F. Watson of Indiana.
35. *The John Wright Scholarship* endowed by four children of John Wright of Ohio.
36. *The Class of 1901 Scholarship* endowed by the Class of 1901.
37. *The Robert Y. Park Scholarship* endowed by Robert Y. Park of Illinois.
38. *The Smith Hamill Scholarship* endowed by Smith Hamill of Iowa.
39. *The Marion B. Sexton Scholarship* endowed by Vice Admiral Walton B. Sexton of the United States Navy.
40. *The John Charles Hanna Scholarship* endowed by Mrs. Ella Porter Gillespie of Pennsylvania.
41. *The St. Clair Scholarship* endowed by William St. Clair of Iowa.
42. *The Garrity Scholarship* endowed by Mr. and Mrs. H. O. Garrity of Illinois.
43. *The Frew Scholarships* (2) endowed by William B. Frew of Illinois.
44. *The Margaret Pollock Scholarship* endowed by Mrs. Mary Pollock Graham of Illinois.
45. *The Woods Scholarships* (3) endowed by the Misses Alice and Omah Woods of Illinois.
46. *The Biggsville Scholarship* endowed by the United Presbyterian Congregation of Biggsville, Illinois.
47. *The First Washington Scholarship* endowed by the First United Presbyterian Church of Washington, Iowa.

48. *The Stronghurst Scholarship* endowed by the United Presbyterian Congregation of Stronghurst, Illinois.

49. *The Prudence Margaret Schenk Scholarship* endowed by her sons

50. *The Luella Olive Parshall Scholarship* endowed by Mrs. S. K. Parshall of Illinois.

51. *The John Carothers Scholarships* (2) endowed by the Carothers family of Illinois.

52. *The Mrs. Mary Elizabeth Kilpatrick Scholarship* endowed by her sons.

53. *The White Scholarship* endowed by Weaver White of Illinois.

54. *The Prugh Scholarship* endowed by J. Mason Prugh and Thomas K. Prugh of Xenia, Ohio.

55. *The Xenia Scholarship* endowed by the First United Presbyterian Congregation of Xenia, Ohio.

56. *The Emma Brownlee Kilgore Scholarship* endowed by Mrs. Emma Brownlee Kilgore of Illinois.

57. *The Andrew Johnston Scholarship* endowed by Andrew Johnston of Illinois.

58. *The Martha Thompson Scholarships* (2) endowed by W. I. Thompson of Illinois.

59. *The Hattie Boyd Campbell Scholarship* endowed by her sisters, Mrs. Emma Boyd Krause, Miss Mary Boyd, and Miss Effie Boyd, in memory of their sister, Hattie Boyd Campbell.

60. *The Thomas McBride Dysart Scholarship* endowed by Dr. and Mrs. L. E. Robinson of Monmouth, in memory of their brother Thomas McBride Dysart to be awarded to a student who is preparing for Christian service.

61. *The Luther Emerson Robinson Scholarship* endowed by Mrs. Robinson and their children, Mrs. Ina R. Huey, Philadelphia, Pa., Edgar E. Robinson, Berkeley, California, and Mrs. Harriet R. Stewart, Detroit, Mich., in honor of their father, Dr. L. E. Robinson, head of the English Department of Monmouth College, 1900-1938. This scholarship is to be awarded to a student of purpose and character.

62. *The Shields Scholarships* (2) endowed by Nellie and Minnie Shields of Illinois.

63. *The Johnston Scholarship* endowed by Dr. and Mrs. Robert Curry Johnston of Aledo, in memory of Elizabeth Johnston Stewart.

64. *The J. B. Taylor Scholarship* endowed by Mr. and Mrs. J. B. Taylor of Iowa.

65. *The Nannie J. J. Taylor Scholarship* endowed by Mr. and Mrs. J. B. Taylor of Iowa.

66. *The Elder Ministerial and Christian Work Scholarship* endowed by John D. and Katherine Elder of Maryland. This scholarship is annually to be awarded to a student preparing for Christian service.

67. *The Crimson Masque Scholarship*. This is a scholarship endowed by Crimson Masque and other friends of the college. It is to be awarded each year to a student of general speech efficiency who is especially skilled in dramatics. The administrative committee is composed of the President of the

College and the faculty of the Department of Speech. This scholarship has been inaugurated and is being increased through gifts of former speech students and friends.

68. *The Dr. and Mrs. J. A. Barnes Scholarship* endowed by the children of Dr. and Mrs. J. A. Barnes of Illinois in memory of their parents. This scholarship has been inaugurated and is being increased. It has been designated for a student preparing for Christian service.

69. *The Mildred Steele Nearing Scholarships* founded by the Florence Steele estate of Monmouth, Illinois, make provision for two scholarships of \$125 each to be awarded to graduates of Monmouth High School on the basis of scholarship, character, and need.

70. *The Founders Scholarship* presented by Mr. Charles F. Wallace, grandson of Dr. David A. Wallace, first president of Monmouth College, and Mrs. Wallace of Westfield, New Jersey.

71. *The Elizabeth M. Keller Scholarship* endowed by Mrs. L. M. Keller of St. Louis, Missouri. This scholarship provides up to \$250 per year to a student meeting specified requirements.

72. *The Mary Cooke McConnell Memorial Scholarship*. Endowed by the First United Presbyterian Church of Oak Park, Illinois, with an initial gift of \$1,500, this scholarship currently provides an annual award of \$64.00 which is available to students from the congregation.

73. *The J. L. Van Gundy Scholarship*. Endowed by Dr. David A. Murray of California, this scholarship provides an award of \$250 annually to a man of character, ability, and purpose whose need has been definitely established.

74. *The Nettie Firoved Herdman Scholarship*. Endowed by John N. and Nettie Herdman of Monmouth, Illinois. This scholarship provides an award of \$50.00 annually to some history major who shall be named during the second semester of the Junior year by the Scholarship Committee of Monmouth College and the chairman of the Department of History, and who shall demonstrate unusual excellence in the field of American history.

75. *The Harmony Memorial Scholarship*. This scholarship is endowed by funds made available as a result of dissolution of the Harmony United Presbyterian Church. Assets of the Church were given to Monmouth College. The income from this gift is to provide an annual scholarship for a student preparing for full-time Christian service.

76. *The John Barnes Kritzer Scholarship*, endowed by Mr. and Mrs. John J. Kritzer in memory of their son. To be awarded to a student showing promise in the field of physics and especially to someone interested in the field of aviation.

77. *Margaret White Potter Memorial Scholarship*. Endowed by Ben H. Potter of Rock Island, Illinois, publisher of the Rock Island Argus, and his two children, Anne A. and Ben H., Jr. This scholarship, in honor of Mrs. Ben H. Potter, wife and mother, provides an annual award of \$300 to a woman student, preferably living in the region covered by Rock Island, Mercer, and Warren Counties, whose interests will be in some areas of art, science, or education.

SPECIAL SCHOLARSHIPS

1. *The Women's General Missionary Society of the United Presbyterian Church Scholarship* endowed by the Women's General Missionary Society of the United Presbyterian Church. This provides a scholarship of \$200

annually for a student who is preparing for full time missionary service.

2. *The Synodical Scholarships.* Two scholarships are provided by controlling Synods: (a) The Second Synod of the West provides for a worthy student of good scholastic standing from Second Synod a scholarship each year amounting to half tuition, with the understanding that the college provide the other half. (b) The Synod of Illinois each year provides a scholarship in the amount of \$100 for a worthy student of good standing in his high school class from the Synod of Illinois.

3. *The McCullough Scholarship* presented by an alumnus of the College to be awarded to a student of the Sophomore year who has shown high scholastic achievement in his Freshman year and cannot attend college without financial aid. This scholarship provides \$400.00 for each of the three college years above the Freshman rank and is awarded to a student who plans to complete his course at Monmouth.

4. *The "M" Club Scholarship* is provided each year by the undergraduate members. It is awarded to a high school senior or to a Monmouth College student "who has displayed excellence in scholarship, character, and athletics." The scholarship provides the full amount of tuition and fees.

5. *The Graduate "M" Club Scholarship* is provided each year by the graduate members. It is awarded to a student "who has displayed excellence in scholarship, character, and athletics." The scholarship provides \$250.00 annually.

6. *The Pi Alpha Nu Scholarship.* This scholarship is awarded annually by Pi Alpha Nu, the musical fraternity on the campus, to an incoming freshman who shows special interest and talent in music and who ranks in the upper twenty-five per cent of his high school class.

7. *The Peg Stonerook Brinker Scholarship*, awarded by the Tau Pi Honor Society, in loving memory of Margaret Lucille Stonerook of the class of 1931.

8. *The Octopus Scholarship.* This scholarship is provided by the graduate members of the Octopus Society. It is awarded to an upperclass man whose character, achievement, purpose, and need have been demonstrated. The amount is \$150 annually.

9. *The Moore Scholarship*, provided by Dr. Rollin S. Moore of the Class of 1931. This scholarship provides \$500 annually.

10. *The Blair Scholarship*, provided by Dr. and Mrs. Charles P. Blair, for a student who is interested in the field of Latin.

MONMOUTH COMMUNITY AWARDS

1. *Anonymous Award* is provided by a Monmouth resident. This scholarship of \$600 is to be awarded to a qualified student. (Established in 1955-56)

2. *Axline Drug Store Award* is provided by Mr. and Mrs. William T. Axline. This scholarship of \$300 is to be awarded to a qualified student.

3. *Benner Food Stores Award* is provided by the Benner Tea Company with general offices in Burlington, Iowa, and two of its stores in Monmouth. This scholarship of \$300 is to be awarded annually to a qualified student. Preference is to be given students living in or near a town in which one of their stores is operated. (Established in 1955-56)

4. *Bruington Award*, is provided by Goldia and George Bruington. This scholarship of \$300 is to be awarded to a qualified student. (Established in 1955-56)

5. *Bruner-Quinby Insurance Agency Award* is provided by Betty and Ivory Quinby. This scholarship of \$300 is to be awarded to a qualified student. (Established in 1955-56)

6. *Elks Awards* are provided by the Monmouth Lodge No. 397, B. P. O. E. One \$300 scholarship is to be awarded to a boy interested in competing in college athletics who lives within the jurisdiction of the Monmouth Lodge. One \$300 scholarship is to be awarded to a girl interested in a service career.

7. *Formfit Award* is provided by the Formfit Company of Chicago with one of its branch plants located in Monmouth. This company provides \$675 per year to Monmouth College, and from this amount a full-tuition scholarship (\$600) is awarded to a student with the balance of the fund to be used by the college. Preference in awarding this scholarship shall be given to qualified students who are sons or daughters of Monmouth Division employees of the Formfit Company, and then to other students of the Monmouth Community. (Established in 1955-56)

8. *Galesburg Register-Mail Award* is provided by the Register-Mail of Galesburg. This scholarship of \$600 is to be awarded to a qualified student from Western Illinois.

9. *Exchange Club Award* is provided by the Monmouth Exchange Club and is awarded annually to a graduate of Monmouth High School on the basis of scholarship, athletic ability and need.

10. *Grace Peterson Award* is provided by Warren County Prime Beef Festival. This scholarship of \$300 is to be awarded to a qualified student, preference to be given to a student participating in annual festival show.

11. *Herdman Award* is provided by Mr. and Mrs. John Herdman. This scholarship of \$300 is to be awarded to a qualified student.

12. *Johnson Paint Store Award* is provided by Mr. and Mrs. Leonard Johnson. This scholarship of \$300 is to be awarded to a qualified student. Preference is to be given to a son or daughter of an employee of the Johnson Paint Store.

13. *Lant Award* is provided by John and Olive Lant. This scholarship of \$400 is to be awarded to a qualified student. (Established in 1955-56)

14. *Little York Award* is provided by the First State Bank of Little York and Directors. This scholarship of \$300 is to be awarded to a qualified student. Preference is to be given students from the Little York Community. (Established in 1955-56)

15. *Monmouth Homestead and Loan Association Award* provides \$300 and is to be awarded to a qualified student. (Established in 1955-56)

16. *National Bank of Monmouth Award* provides \$300 and is to be awarded to a qualified student. (Established in 1955-56)

17. *Norris Office Equipment Award* is provided by Mr. and Mrs. Halsey Norris. This scholarship of \$300 is to be awarded to a qualified student. (Established in 1955-56)

18. *Turnbull Award* is provided by Maxine Turnbull Eldridge and David Turnbull in memory of their parents Max and Marie G. Turnbull. This \$300 scholarship is to be awarded to a qualified student.

19. *Wirtz Book Company Award* is provided by the Wirtz Book Company. This scholarship of \$300 is to be awarded to a qualified student. (Established in 1955-56)

20. *Warfield Award* is provided by the Warfield Lumber and Coal Company. This scholarship of \$300 is to be awarded to a qualified student.

21. *Wells Award* is provided by the Ralph Wells Company. This scholarship of \$300 is to be awarded to a qualified student.

22. *Jessie McMillan Whiteman Award* is provided by Wendell F. Whiteman and family in memory of Mr. and Mrs. Frank Whiteman. This \$300 scholarship is awarded annually to a qualified student entering some phase of Christian service. Preference is to be given a student from the Biggsville, Illinois, area.

23. *Park 'N Eat Award* is provided by Henry A. Geers. This scholarship of \$300 is to be awarded to a qualified student interested in athletics.

PRIZES

Among the prizes offered each year for excellence in various lines of activity are the following:

1. *The Waid Prizes*. Six prizes are offered for biographical reading as a means of cultivating interest in biography among college students. Three prizes of \$25.00, \$15.00, and \$10.00 are offered to freshmen. Three similar prizes are available to members of the three upper class. These prizes were endowed by Dan Everett Waid '87.

2. *Forensic Emblem*. This medal is presented by the College and the Forensic League to those who have represented the college in intercollegiate debate or oratory.

3. *Mary Porter Phelps Prize*. A prize of \$50.00 is awarded each year to the student who, in the judgment of the faculty, has manifested superiority in three points: scholarship, thrift and economy, and the development of character. Only those who have completed at least two year's work in Monmouth College are eligible for this prize.

4. *The William B. McKinley Prizes in English*. In 1925 Senator William B. McKinley of Illinois, endowed two prizes of \$50.00 each to encourage individual study and research in advanced work in English. The prizes are awarded each year to students who offer the best theses upon specially assigned subjects.

5. *Sigma Tau Delta Freshman Prizes*. Rho Alpha Chapter of Sigma Tau Delta offers each year three prizes on Commencement Day to the freshmen writing the best compositions in verse or prose. Entries must be prepared especially for this contest.

6. *Dan Everett and Eva Clark Waid Prize*. This prize of \$100.00 is endowed by Mr. and Mrs. Waid of New York, and is awarded by the faculty on the basis of all-around excellence and development.

OUTLINE OF WORK OF DEPARTMENTS

COURSES taken in the several years are numbered as follows:

100-199 course primarily for freshmen.

200-299 courses primarily for sophomores.

300-399 courses primarily for juniors and seniors.

APPRECIATION OF ART

THOMAS HOFFMAN HAMILTON, Professor, Head

With the assistance of PROFESSOR PAUL CRAMER of the Department of Mathematics.

MARTHA M. HAMILTON, Assistant Professor

HARRIET PEASE, Instructor

This department aims to lead students to acquire that interest in art which is a mark of a liberal education. The courses are designed to furnish a foundation for the development of individual taste. Emphasis is placed on the vital connections between art and music, literature, religion, government, and other aspects of human society, past and present. Illustrated lectures, library reading, and study of photographs form the method of instruction.

The field of concentration consists of:

- (a) A departmental unit of at least 24 hours, including 101-102. Eight hours of the 24 must be in courses numbered 300.
- (b) Related courses totaling 16 hours chosen from one of the following departments: Classics, education, English, history, music, philosophy, religion.

It is a great advantage for students concentrating in art to have a reading knowledge of Italian, French and German.

INTRODUCTORY COURSES

10. SURVEY. A comprehensive course dealing with the art of Egypt, Mesopotamia, Greece, Rome, the Early Christian, Byzantine, and Romanesque periods. First semester. Two hours.

102. SURVEY. Continuation of 101, through the Gothic, Renaissance, and Post-Renaissance periods. Second semester. Two hours.

103. APPROACH TO ART. This course, for the general student rather than for art majors, aims to present the principles of appreciation of architecture, painting and sculpture. Given each semester. No prerequisite. Two hours.

151-152. FUNDAMENTALS OF DRAWING AND PAINTING. A beginning course in applied art. Two hours.

COURSES IN SPECIFIC ARTS

201. ARCHITECTURE. Ancient, mediaeval, and Renaissance architecture is a basis for appraising contemporary architecture. First semester. Three hours.

202. SCULPTURE. A review of the historical styles of sculpture, with special emphasis on American sculpture. Second semester. Three hours.

203. PAINTING. A study of painting from ancient times until 1500 A. D. First semester. Three hours.

204. PAINTING. From 1500 A. D. to the present. Second semester. Three hours.

206. PRINTS AND DRAWING. A study of prints and drawings with emphasis on picture structure. Second semester. Given in 1958-59 and alternate years. Two hours.

211. DESIGN. A study of the fundamental elements and principles of design applied to fine and minor arts. Given each semester. Two hours.

312. HISTORY OF INTERIOR DESIGN AND FURNITURE. A survey of interior design, furniture and decoration from prehistoric to modern times. Emphasis is placed upon the contemporary use of various styles. First semester. Given each year. Three hours.

314. AMERICAN FURNITURE AND DECORATION. Prerequisite: Art 211 and 312. Second semester. Three hours.

316. HOUSE PLANNING AND DECORATION. A study of house planning and building, interior and exterior, and of its decoration and furnishing. Special emphasis is placed upon contemporary materials and methods. Prerequisite: Art 211, 312. Given alternate years with Art 314. Three hours.

COURSES IN SPECIFIC PERIODS OR COUNTRIES

319. MEDITERRANEAN CULTURE OF THE SIXTEENTH AND SEVENTEENTH CENTURIES. Aesthetic aspects of the Mediterranean world as reflected in literature, architecture, painting and sculpture. Readings from French, Italian, and Spanish literature in the original or translation. One hour lecture, one hour discussion, and one hour individual conferences. Collaboration of the departments of art and foreign languages. Three hours. Open to juniors and seniors or the consent of the instructor. First semester. Identical with French and Spanish 319.

321. THE ART OF THE SPANISH RENAISSANCE. First Semester. Two hours.

322. CONTEMPORARY ART. Twentieth century painting, architecture, and sculpture with special emphasis on America. Second semester. Two hours.

323. THE ART AND CULTURE OF FRANCE. First semester. To be given in 1957-58 and alternate years. Two hours. Not open to freshmen.

325. BRITISH ART. First semester. To be given in 1958-59 and alternate years. Two hours.

326. ORIENTAL ART, India, China and Japan. Prerequisite: junior standing or consent of instructor. Second semester. To be given 1957-58 and in alternate years. Two hours, or three hours.

327. AMERICAN ART. First semester. Three hours.

328. GREEK ART. First semester. Three hours.

331. THE ART OF THE FLORENTINE RENAISSANCE. First Semester. To be given in 1957-58. Three hours.

332. THE RENAISSANCE IN VENICE. Second semester. To be given in 1957-58. Three hours.

333. NORTHERN RENAISSANCE. FLEMISH PAINTING. First semester. To be given in 1958-59. Two hours.

334. NORTHERN RENAISSANCE. DUTCH AND GERMAN PAINTING.. Second semester. To be given in 1958-59. Two hours.

BIBLE AND RELIGION

CHARLES J. SPEEL 2ND, Professor, Head

J. WILEY PRUGH, Assistant Professor

with the assistance of

PROFESSOR HAROLD J. RALSTON, Department of Classics.

Courses in this department have four main objectives:

1. To develop in students a knowledge of the contents of the Bible, the use made of it in the past and in the present, the areas of study closely allied to it and the relationship of such knowledge to other fields of study.
2. To help students discover the role of religion in contemporary life, both personal and social, and to assist them in their quest for moral and religious understanding and certainty.
3. To develop in students a knowledge and understanding of the historical and doctrinal roles of Christianity and other religious forces.
4. To prepare students for the varied tasks of lay leadership and to build a foundation for graduate study in the case of those who are preparing for the ministry, for religious education, and for the teaching of Bible and Religion.

REQUIREMENTS FOR GRADUATION

The field of concentration in Bible and Religion consists of:

- (a) A departmental unit of at least 24 hours.
- (b) Related courses, at least 16 hours, chosen from one or two of the following departments: art, classics, education, English, history, music, philosophy, psychology, sociology, and speech.

BIBLE

101. JESUS. A study of the life, character and teachings of Jesus Christ, as recorded in the four Gospels. First and second semester. Two hours.

102. PAUL. A study of the life, character, and teachings of the Church's foremost interpreter of the thought and spirit of the Master. Second semester. Two hours.

103. LIFE AND LITERATURE OF THE NEW TESTAMENT. A general introduction to the study of the world's greatest book and best seller. First semester. Two hours.

301. ARCHAEOLOGY AND THE BIBLE. The bearing of archaeological and

historical investigations on the life and literature of the Old and New Testaments along with a study of the relationship of neighboring cultures. Second semester. Two hours.

302. LIFE AND LITERATURE OF THE OLD TESTAMENT. A survey of the religion of Israel and an introduction to the literature of the Old Testament. Three hours.

307, 308. GREEK NEW TESTAMENT. See Greek 307, 308, Department of Classics. First and second semester. Three hours.

311. THE PROPHETS. A study of the prophetic movement in Israel with emphasis on the chief characteristics of the life work of the Old Testament literary prophets. Prerequisite: Bible 302 or consent of instructor. First semester. Two hours.

312. POETICAL BOOKS. A study of the poetical books of the Old Testament. Prerequisite: Bible 302 or consent of instructor. Second semester. Two hours.

RELIGION

105. BASIC BELIEFS. A study of the fundamentals of our faith and consideration of the chief creeds of Christendom. First semester. Two hours.

106. CHRISTIAN LIVING. A study of the ethics of the professions and business. Various guest speakers, specialists in their fields, assist the instructor in addressing the class. Informal discussion of practical situations by the class. Second semester. Two hours.

303. CHURCH HISTORY. A history of the Christian Church from the time of Christ to 1450 A. D. including a study of Christian doctrine, Church organization, significant ecclesiastical movements and outstanding churchmen. First semester. Three hours.

304. CHURCH HISTORY. A history of the Christian Church from 1450 A. D. to the present. Second semester. Three hours.

305. THE WORLD'S RELIGIONS. An introduction to the history of religion, emphasizing the life and character of the founders, the philosophic development, the numerical and territorial expansion, the faith and practices of the religions of the world, both past and present. Second semester. Three hours.

313. PHILOSOPHY OF RELIGION. See Department of Philosophy. Three hours.

321. CHRISTIAN LEADERSHIP. A study of the Christian ministry, the history, organization and administration of Church schools, and principles and methods of religious education, including an introduction to forms of worship, the use of the Bible, the use of other materials and subjects related to Christianity, and the furtherance of missions. First semester. Three hours.

327. SACRED MUSIC. See Department of Music, Music 327. Two hours.

328. SACRED MUSIC. See Department of Music, Music 328. Two hours.

401. THESIS COURSE. On a subject of the student's own choosing. Open only to students who include Bible and Religion in their field of concentration. Second semester. One or two hours.

402. READING COURSE. On problems of interest to the student. Open only to students who include Bible and Religion in their field of concentration. One or two hours.

403. SEMINAR. Open to Juniors and Seniors. Subject to consent of the department. Two or three hours.

BIOLOGY

RALPH P. FRAZIER, Professor, Head
ROBERT BUCHHOLZ, Assistant Professor
JOHN J. KETTERER, Assistant Professor

The field of concentration in Biology consists of:

- (a) A departmental unit of at least 24 hours in addition to Biology 103 and 104. The 24 hours must include Biology 303, 304, 305, 306, 403 and 404. The remainder of the requirement may be satisfied by any biology courses offered by the department. In the pre-medical curriculum Chemistry 301 may be included in the 24 hours.
- (b) Related courses totaling 16 hours, chosen from one or two of the following departments: chemistry, mathematics, physics.

103. ZOOLOGY. An introduction to zoology designed to give an understanding of the morphology, physiology, ecology, and heredity of representative species of the animal kingdom. Special emphasis will be placed on relating these concepts to man. Open to beginners in biology. First semester. Four hours.

104. ZOOLOGY. Continuation of Biology 103. Prerequisite: Biology 103 or special consent. Second semester. Four hours.

111. GENERAL BIOLOGY. A course designed for persons not majoring in biology. It is intended to give the student a general survey of the principles of plant and animal life as a part of the foundation for a liberal education. The course covers the organization of plants and animals, their general physiology, morphology, genetics, embryology, evolution, and ecology with especial stress upon their importance to man. Open to non-biology majors. First semester. Four hours.

112. GENERAL BIOLOGY. Continuation of Biology 111. Prerequisites: Biology 111 or permission of instructor. Second semester. Four hours.

203. GENETICS. An introduction to the study of Mendelian inheritance in plant, animal, and human heredity. Prerequisites: Biology 112 or 104 or special consent. First semester. Two hours.

204. BOTANY. A review of the plant kingdom with emphasis on plant structure, physiology and classification. The economic importance of plants in the correlated fields of agriculture and forestry is considered. Open to beginners and advanced students in biology. To be offered 1957-58 and alternate years. Second semester. Five hours.

206. FIELD BIOLOGY. A general course concerned with the collection, preservation, and identification of the invertebrate and vertebrate animal forms as well as the plants of this immediate region. Prerequisite: Biology 112 or 104 or special consent. To be offered 1958-59 and alternate years. Second semester. Two hours.

208. ORGANIC EVOLUTION. An introduction to the theories of evolution, the mechanics of evolution, the problems of the origin of life, and evolution of plants and animals. Prerequisites: Biology 112 or 104 or special consent. Second semester. Two hours.

211. PHYSIOLOGICAL ANATOMY. A course designed primarily for individuals majoring in Physical Education. It encompasses the study of the anatomy

and physiology of the human skeletal, muscular, circulatory, respiratory, and nervous systems. Open to both men and women. Prerequisite: Biology 112 or 104 or special consent. To be offered 1958-59 and alternate years. First semester. Four hours.

301. BACTERIOLOGY. A general course consisting of a study of culture methods, morphology, identification and physiology of the bacteria. Some consideration is also given to the nature of disease and its control.

302. HISTOLOGY. Animal tissues are studied in lecture and in half of the laboratory work. The remainder of the laboratory deals with the theory and practice of microtechnique. Prerequisite: Biology 104. To be offered 1957-58 and alternate years. Second semester. Three hours.

303. PHYSIOLOGY. A study of the anatomy and physiology of the human body. The course covers the skeletal, muscular and nervous system. Prerequisites: Biology 104, and an elementary knowledge of chemistry or special consent. First semester. Three hours.

304. PHYSIOLOGY. A continuation of Biology 303. This course covers the circulatory, respiratory, digestive and urogenital systems. Prerequisites: See Biology 303. Second semester. Three hours.

305. COMPARATIVE VERTEBRATE ANATOMY. A detailed study of the comparative anatomy of vertebrates. Dogfish, Necturus, and cat are used as types in the laboratory. Prerequisites: Biology 306, or special consent. Second semester. Four hours.

306. EMBRYOLOGY. A study of the embryological development of vertebrates with emphasis upon human embryology. Prerequisites: Biology 104. First semester. Four hours.

401a, 401b, 401c, 401d. RESEARCH. Offered by special arrangement. One to four hours.

403. SEMINAR. Reading assignments designed to give a historical background in biology as well as some understanding of the present-day and future fields of research. Emphasis is placed on the scientific method and a research project of an original nature is required of all students. Open to senior biology majors and others with 20 semester hours of biology. First semester. Three hours.

404. SEMINAR. Continuation of Biology 403. Prerequisite: Biology 403. Second semester. Three hours.

434. TEACHING OF SCIENCE. See Education 434.

CHEMISTRY

GARRETT W. THIESSEN, Professor, Head

BEN T. SHAWVER, Associate Professor

W. L. TAYLOR, Assistant Professor

The field of concentration in Chemistry consists of:

- (a) A departmental unit of at least 24 hours, including course 201 and 301.
- (b) Related courses totaling at least 16 hours in one or two of the fol-

lowing departments: biology, mathematics, physics, German, education, home economics.

Monmouth's chemistry department is accredited by the American Chemical Society. Students majoring in chemistry will be certified by the department head as having fulfilled the minimum requirements adopted by the American Chemical Society for the professional baccalaureate training of chemists and/or recommended to the graduate schools when their transcripts include Chemistry 202, 302, 406, either 403 or 404, and 407, Physics 202, Mathematics 252, and a practical reading knowledge of German. Chemistry 206, 402, 408, and at least a year of French are also desirable. German or French in high school will partly satisfy the language requirement.

For the student preparing for training in medicine, pharmacy, dentistry, veterinary medicine, or medical technology, it is recommended that biology and physics be included.

103. **APPLIED CHEMISTRY.** A course in the elementary aspects of general and organic chemistry with specific reference to home economics, nursing, occupational and physical therapy. Open to all students. First semester. Three classes and one laboratory meeting per week. Four hours.

104. **APPLIED CHEMISTRY.** Continuation of 103. Will admit to 201 and 301, but no other chemistry courses. Second semester. Four hours.

105. **GENERAL CHEMISTRY.** This course is a study of the fundamental principles of chemistry including equation writing, weight and gas volume relationships in chemical reactions, structure and properties of gases, liquids, and solids, determination of molecular and atomic weights, the Periodic System, properties of solutions, ionization, subatomic structure, radioactivity, and chemical bonds. Students who intend to take subsequent courses in chemistry other than 201 and 301 are required to enter this course. Three classes and two laboratory meetings per week. First semester. Five hours.

106. **INORGANIC CHEMISTRY AND QUALITATIVE ANALYSIS.** The work of this course is centered about the principles of chemical equilibrium, the chemistry of representative elements and their detection by semi-micro methods, and the metallurgy of common elements. Prerequisites: Chemistry 105, Mathematics 111 or equivalent. Three classes and two laboratory meetings per week. Second semester. Five hours.

108. **QUALITATIVE ANALYSIS.** Laboratory and theory. For students who pass directly from high school chemistry to quantitative analysis. One lecture meeting and five hours laboratory. Two hours credit.

201. **QUANTITATIVE ANALYSIS.** A course covering the fundamental theory and practice of gravimetric and volumetric analysis. Class periods are devoted to lectures, problems and quizzes. Laboratory time is devoted to training in accurate quantitative analysis of representative materials. Prerequisite: Chemistry 106, or instructor's consent. Two classes and two laboratory meetings per week. First semester. Four hours.

202. **QUANTITATIVE ANALYSIS.** A continuation of Chemistry 201, offering work with special and instrumental methods of analysis. Prerequisites: Chemistry 201. Two classes and two laboratory meetings per week. Second semester. Four hours.

204. **SLIDE RULE.** An intensive study of the theory and practical use of the slide rule. A standard slide rule constitutes necessary individual equipment. Prerequisite: Mathematics through plane trigonometry or instructor's

consent. One class meeting per week; no laboratory. Second semester. One hour.

206. **CHEMICAL CALCULATIONS.** A standard slide rule constitutes necessary individual equipment. Prerequisites or corequisites: Chemistry 103, 105, 204. One class meeting per week; no laboratory. Second semester. One hour.

301. **DESCRIPTIVE ORGANIC CHEMISTRY.** An abridged study of both aliphatic and aromatic compounds with low molecular weights and a few functional groups of the commonest sorts. Intended as a sufficient premedical preidental, or pretechnician course; and an introduction to Chemistry 302 for students preparing for careers in chemistry. The laboratory work is the preparation of and tests upon some of the compounds studied in the course. Prerequisites: Chemistry 104 or Chemistry 106. Three classes and two laboratory meetings per week. First semester. Five hours.

302. **THEORETICAL ORGANIC CHEMISTRY.** A study of more complicated compounds, theories and reactions than those treated in the earlier course, Includes electron theory; stereoisomerism especially of sugars; structure proofs, etc. The laboratory work will be mainly preparative with some organic analysis. Prerequisites: Chemistry 106, 301 and German 101. Schedule as for 301. Second semester. Five hours.

304. **ORGANIC PROBLEMS.** To provide an additional hour of credit beyond 301 for premedics and others needing that amount. Recitations and reports on problems from a standard problems text. Pre- or corequisites: Chemistry 104 or 106, and 301. One class per week, no laboratory. First semester. One hour. By special arrangement only.

309. **SPECIAL ANALYTICAL METHODS.** Laboratory work and personal conferences on selected analytical methods such as organic combustion methods both micro and semimicro, gas analysis, polarography, qualitative spectrography, and chemical microscopy. Prerequisites: Chemistry 202 and 301; pre- or corequisite, Physics 202 or 102. First semester. Two hours.

402. **PHYSIOLOGICAL CHEMISTRY.** A study of carbohydrates, fats, proteins, digestion, absorption and metabolism with their concomitant products of blood, tissues and energy. Prerequisite: Chemistry 301. Three classes and one laboratory meeting per week. Second semester. Four hours.

403. **ADVANCED INORGANIC CHEMISTRY.** Special topics in inorganic chemistry. Prerequisite: Senior major standing. Three lecture meetings per week. Three hours.

404. **ORGANIC QUALITATIVE ANALYSIS.** A course for the identification of organic compounds as unknowns, pure and in mixtures. Prerequisite: Chemistry 301. Two lectures and two laboratory meetings per week. Second semester. Four hours.

405. **PHYSICAL CHEMISTRY.** A course dealing with topics on gases, liquids, and solids; analytically useful optical properties; thermo-chemistry and thermodynamics; solutions and equilibrium. Required for American Chemical Society certification. Prerequisites: Chemistry 201, 206 or equivalent skill, and 301; Mathematics 252; Physics 102 or preferably 202. Three classes and one laboratory meeting per week. First semester. Four hours.

406. **PHYSICAL CHEMISTRY.** A continuation of Chemistry 405. A study of chemical thermodynamics, equilibrium, kinetics, electrochemistry, and radio-

activity. Required for American Chemical Society certification. Three classes and one laboratory meeting per week. Second semester. Four hours.

407. SEMINAR. Practice in abstracting chemical literature. Prerequisite: Senior major standing; reading knowledge of German. Two hours.

408. RESEARCH. Prerequisite: Chemistry 407. Arranged. Two hours.

CLASSICAL LANGUAGES

HAROLD J. RALSTON, Professor, Head

BERNICE FOX, Associate Professor

LATIN

The field of concentration in Latin consists of:

(a) A departmental unit of at least 24 hours in addition to Latin 101 and 102.

(b) Related courses totaling at least 16 hours, chosen with the approval of the adviser.

101. ELEMENTS OF LATIN GRAMMAR. For those entering without high school Latin credits who desire a knowledge of Latin. First semester. M. T. Th. F. Four hours.

102. SELECTED READINGS AND GRAMMAR. Continuation of 101. Second semester. M. T. Th. F. Four hours.

203. CICERO, SELECTED ORATIONS. Prerequisite: Two years of high school Latin or Latin 101 and 102. First semester. Three hours.

204. VIRGIL'S AENEID. Prerequisite: Latin 203. Second semester. Three hours.

205. CICERO, DE SENECTUTE ANE DE AMICITIA. Prerequisite: two years of high school Latin or Latin 101 and 102. Offered alternately with Latin 203. Three hours.

309. SURVEY OF LATIN LITERATURE. Background material in English, reading from Roman authors in Latin through the Republic. First semester. Three hours.

310. SURVEY OF LATIN LITERATURE. Continuation of Latin 309, covering the period of the emperors, and touching briefly on mediaeval and modern Latin. Second semester. Three hours.

311. LIVY AND PLINY, SELECTIONS. Emphasis on Roman political development. Three hours. Given on sufficient demand.

312. TACITUS AND SUETONIUS. A study of Roman history from Augustus through Trajan. Three hours. Given on sufficient demand.

313. ROMAN DRAMA. Studies in Plautus and Terence. Three hours. Given on sufficient demand.

314. ROMAN LYRIC AND NARRATIVE POETRY. Study of poetic techniques in Latin, with readings from Catullus, Horace, and Ovid. Three hours. Given on sufficient demand.

315. SATIRE IN ROMAN LITERATURE. Emphasis on Horace's Satires, with

some study of Juvenal and Martial. Three hours. Given on sufficient demand.

320. **LATIN COMPOSITION.** Emphasis on the ability to write original prose passages in Latin. Prerequisite: the equivalent of a minor in Latin or permission of the instructor. Two hours. Given on sufficient demand.

401. **INDEPENDENT STUDY.** Individual research problems in language or literature under guidance of the instructor. Advanced students only. Two hours.

435. **TEACHERS' COURSE IN HIGH SCHOOL LATIN.** For advanced students who desire recommendation as Latin teachers. Two hours.

GREEK

The field of concentration in Greek includes the following:

- (a) A departmental unit of at least 24 hours including credit for either Classics 321, Greek Civilization, or Classics 322, Greek Literature, or Philosophy 301, Greek Philosophy.
- (b) Related courses totaling at least 16 hours, chosen from one or two related fields with the approval of the adviser.

101, 102. **ELEMENTARY GREEK.** Grammar, Xenophon's *Anabasis* or other reading. Both semesters, M. T. Th. F. Four hours.

202. **PLATO, APOLOGY AND CRITO.** Prerequisite: Greek 101-102. Second semester. Three hours.

307. **NEW TESTAMENT.** Forms, syntax, reading. Prerequisite: Greek 101-102. First semester. Three hours.

308. **NEW TESTAMENT.** Textual and word studies, more difficult reading. Second semester. Three hours.

301, 302. **READING AND THESIS COURSE.** For advanced students by special arrangement.

311. **GREEK PROSE.** Later Greek prose, as the Septuagint, Apocrypha, the non-literary papyri. First semester. Three hours.

312. **GREEK PROSE.** Continuation of Greek 311. Second semester. Three hours.

CLASSICAL CIVILIZATION

Given in English. No foreign language prerequisite.

221. **CLASSICAL MYTHOLOGY.** A survey of the myths most commonly alluded to in English and other literatures, and in art, music, and life. First semester. Two hours.

301. **GREEK PHILOSOPHY.** For description see Philosophy 301. First semester. Three hours.

321. **GREEK CIVILIZATION.** Introduction to Greek life and thought. First semester. Two hours.

322. **GREEK LITERATURE.** The study in English translation of the greatest works of Greek literature with some attention to their backgrounds and authors. No prerequisites. Required of Greek majors. Two hours.

324. **WORD ELEMENTS.** Especially to aid in mastering technical derivatives from Greek and Latin stems. Second semester. Three hours.

ECONOMICS AND BUSINESS ADMINISTRATION

JAMES R. HERBSLEB, Professor, Head

ALICE WALKER, Associate Professor

The field of concentration in economics and business administration consists of:

- (a) At least 24 hours including Economics 201-202, 281, 282, and at least 10 hours of courses in Economics and Business Administration numbered 300 or above.
- (b) Related courses, totaling at least 16 hours, chosen from one or two departments approved by adviser.

Students looking forward to business careers should take in addition to Economics 201, 202, 281-282, Economics 212, 363, 364, 371, 372, 374.

Students expecting to do graduate work in business administration should take in addition to Economics 201 and 202, two years of work in accounting, two semesters of business law, two years of French or German, and Economics 211, 212, 351, 352, 371, 372, 374.

201. PRINCIPLES OF ECONOMICS. A general course dealing with the institutions and forces which affect production, distribution, and consumption of wealth. In the latter half of the course attention is given to present economic problems such as: money, international trade, transportation, taxation, and labor. Not open to freshmen. First semester. Three hours.

202. PRINCIPLES OF ECONOMICS. Prerequisites: Economics 201 or special consent. Second semester. Three hours.

211. MATHEMATICS OF FINANCE. For a description of this course see Mathematics 211.

212. INTRODUCTION TO STATISTICS. Elementary principles in the analysis of data, with applications. Three hours.

281. PRINCIPLES OF ACCOUNTING. An introduction to the fundamentals of accounting as applied to the construction of orderly systematic records of business dealings; methods of analyzing receipts and expenditures, of constructing balance sheets, profit and loss statements and working papers, and of determining assets and liabilities. Emphasis is placed upon the individual proprietorship. May not be used to satisfy Division II requirements. First semester. Laboratory T. Four hours.

282. PRINCIPLES OF ACCOUNTING. Extensive problem work and analysis of accounting records employed in partnership and corporation accounting. Prerequisites: Economics 281. Second semester. Laboratory T. Four hours.

301. HISTORY OF ECONOMIC THOUGHT. A study of the development of major economic thought and doctrines. Emphasis will be given Mercantilists, Physiocrats, Classical School, Adam Smith, John S. Mill, Alfred Marshall, J. B. Clark, Thorstein Veblen, J. A. Hobson, J. Keynes, and others. Prerequisite: Economics 202 with grade of B or higher. Two hours.

304. INTERNATIONAL TRADE. The theory of international trade, foreign exchange, and balance of payments. An analysis of trade restrictive devices, tariffs, quotas, exchange control, clearing agreements, etc. Consideration of cooperation through International Monetary Fund and the International Bank for Reconstruction and Development. Prerequisites: Economics 202. Second semester. Three hours.

351. **PERSONNEL MANAGEMENT: LABOR PROBLEMS.** A study of problems and methods of personnel management; standards of living, wages, unemployment, trade union movement, and methods of effecting adjustments between capital and labor. Prerequisite: Economics 202. Three hours.

352. **PERSONNEL MANAGEMENT: LABOR LAW AND SOCIAL SECURITY.** A study of industrial relations, the laws relating to labor-management relations and their interpretation by the courts; the Social Security Act, changes and operations. Prerequisite: Economics 351. Three hours.

363. **BUSINESS LAW.** An introductory course presenting briefly the historical development of the common law, a survey of federal and state courts, and their jurisdiction, torts, contracts, bailments, common carriers, and sales of personal property. The course is designed to aid the students in understanding the rights and obligations growing out of contractual relations as interpreted by the courts. Prerequisite: Economics 201 or junior standing. First semester. Three hours.

364. **BUSINESS LAW.** An extended analysis of the principles of law applicable to negotiable instruments, partnership and corporations, real property, deeds, mortgages, wills, and insurance. Prerequisite: Economics 363. Second semester. Three hours.

371. **MONEY AND BANKING.** A study of fundamental principles of monetary theory and of the history and theory of banking. The course includes a discussion of current problems and recent legislation. Prerequisite: Economics 202. Economics 281 is advised. First semester. Three hours.

372. **INDUSTRIAL MANAGEMENT.** A study of the organization of industry and its management, including the physical plant, production, control, administration. Prerequisite: Economics 202. Economics 281 is advised. Three hours.

374. **INVESTMENT AND CORPORATION FINANCE.** An analysis of the various types of investment securities from the viewpoint of the investor, with attention to methods of corporation finance. Some training is afforded in reading the financial page, investment technique, planning and investment program, and forecasting. Investment cases and problems will be analyzed. Prerequisite: Economics 202, 282. Second semester. Three hours.

375. **PUBLIC FINANCE.** A study of the theories and methods of taxation; the collection and disbursement of funds by federal, state and local governments. Prerequisite: Economics 202. First semester. Three hours.

381. **BUSINESS AND GOVERNMENT.** A study of the forms of business organizations and effects of government regulation, including regulation of transportation, monopoly, competition, business cycle, securities and others. Prerequisite: Economics 202. Three hours.

382. **MARKETING.** General principles of the distribution of goods, surveying the channels of distribution and the institutions of the marketing process. Prerequisite: Economics 202. Three hours.

401. **SENIOR SEMINAR IN CURRENT PROBLEMS.** An eclectic approach to a study of current economic problems searching the historical, governmental, sociological, and other aspects of these problems as well as the economic ramifications. Open to seniors only. Two hours.

391. **ADVANCED ACCOUNTING PROBLEM.** General principles of valuation; factory costs; the voucher system; problems of depreciation; valuation of current assets and liabilities; the balance sheet and profit and loss summary; branch house accounting. A seminar course with extensive problem and re-

search work Prerequisite: Economics 282 with grade of B or higher. First semester. One laboratory period each week. Four hours.

392. **ADVANCED ACCOUNTING PROBLEMS.** Additional problems in fixed asset evaluation, investments, goodwill and other intangibles, fixed liabilities, funds and reserve, estate accounting, consolidated statements, and interpretation of financial statements. Prerequisite: Economics 391. Second semester. One laboratory period each week. Four hours.

EDUCATION

FRANK W. PHILLIPS, Professor, Head

ALBERT NICHOLAS, Professor

KATYE L. DAVENPORT, Instructor

The field of concentration consists of:

A-1. In the elementary field a departmental unit of at least 24 hours including Education 201, Ed. 232, Ed. 331, Ed. 305B and Ed. 306A, 306B, and Ed. 401.

2. Subject matter courses which meet the certification requirements of the State of Illinois.

B-1. In the secondary field a departmental unit of at least 24 hours including Education 201, Ed. 232, Ed. 332, Ed. 314, either Ed. 307, Ed. 335, or Ed. 313, and Ed. 401.

2. A major of 32 hours in one subject matter field, and a minor of 16 hours or three minors of 16 hours each, two of which must be in related fields. Those preparing to teach in the secondary schools are advised to major in a subject matter field rather than in Education.

201. **PRINCIPLES OF EDUCATION.** An introductory course designed to orient the student as to aims of education and the techniques of learning and teaching. Primarily for sophomores, not open to juniors and seniors. Each semester. Three hours.

220. **LEADERSHIP.** See Physical Education 220.

232. **EDUCATIONAL PSYCHOLOGY.** A study of individual differences, conditions of effective mental work, the laws of learning with special reference to their bearing upon effective learning and teaching. Prerequisite: Education 201 or Psychology 221. Each semester. Three hours.

305A. **ELEMENTARY EDUCATION.** A study of the elementary school, its history, purpose, organization and place in the American system of education. Prerequisite: Education 201 and 232. First semester. Juniors and Seniors. Two hours.

305B. **THE TEACHING OF READING IN THE ELEMENTARY SCHOOL.** First semester. Two hours.

306A. **THE TEACHING OF ARITHMETIC IN THE ELEMENTARY SCHOOL.** Second semester. Two hours.

306B. **THE TEACHING OF ELEMENTARY SCHOOL ART.** Second semester. Two hours.

307. **EDUCATIONAL ADMINISTRATION.** The local school system; the duties of superintendent, principal, and teachers; the curriculum and the supervision

of instruction; federal and state support of education; the local unit and its relation to the state. Prerequisites: Education 201 or 335 and junior standing. Second semester. Three hours.

309. PHILOSOPHY OF EDUCATION. See Philosophy 309.

311. SECONDARY EDUCATION. A study of the major problems of high school teaching and classroom administration. For juniors and seniors. Prerequisite: Education 232. Second semester. Three hours.

313. HISTORY OF EDUCATION. A study of the development of educational thought and educational institutions. For juniors and seniors. First semester. Three hours.

314. PRINCIPLES OF TEACHING IN HIGH SCHOOL. A study of the principles and methods of teaching in secondary schools. Primarily for seniors. Prerequisites: Education 332 and 311 or 313. Each semester. Three hours.

331. CHILD PSYCHOLOGY. A study of child psychology with special reference to the growth and development of the school child. Prerequisite: Education 232. First semester. Two hours.

332. ADOLESCENT PSYCHOLOGY. A study of psychology with special reference to the problems arising during the junior high school and senior high school years. Prerequisite: Psychology 221 or 232. Second semester. Two hours.

333. MENTAL HYGIENE. A consideration of the mental hygiene of the student with emphasis upon the opportunity of home and school in promoting mental health. Prerequisite: Education 232. Second semester. Two hours.

335. MEASUREMENT AND GUIDANCE. The study of guidance techniques, including the administration and interpretation of tests, and the statistical treatment of test scores. For juniors and seniors. Each semester. Three hours.

401. STUDENT TEACHING. This course provides opportunity for the prospective teacher to observe, and to participate in, the instructional and administrative activities of a public school class room. Conferences with the school principal, the class room teacher and the director of student teaching supplement these experiences. Each semester. Five hours credit.

Regulations governing appointment to student teaching:

1. Appointment is limited to members of the senior class.
2. Applicants must have been in residence for at least one semester, have completed eight hours in required education courses with a grade point average of 2.5, have a grade point average of 2.5 in the field of concentration, and have the recommendation of the college department corresponding to the subject in which teaching is to be done.
3. Teaching assignments will be in the field of concentration but may be in either the major or related fields.
4. Prerequisites:

A. For elementary school teaching:	B. For high school teaching:
Education 201.	Education 201.
Education 232 or 331.	Education 232 or 332.
Education 305, B.	Education 314.
Education 306, A and B.*	

* (may be taken concurrently).

The State of Illinois now requires that all candidates for certification

must pass an examination in The Constitution of the United States and of the State of Illinois.

The following courses in special methods may be taken in cooperating departments:

410. THE TEACHING OF COMMERCIAL SUBJECTS. (See Secretarial Science 410).

430. THE TEACHING OF ENGLISH. (See English 430).

432. THE TEACHING OF MATHEMATICS. (See Mathematics 432).

433. THE TEACHING OF FRENCH. (See French 433).

434. THE TEACHING OF SCIENCE IN THE PUBLIC SCHOOLS. A course offered by the Science Departments of the College, covering the objectives, materials, methods and techniques involved in the teaching of science. Prerequisites: fourteen hours of science and junior class standing. Second semester. Two hours.

435. THE TEACHING OF LATIN. (See Latin 435).

437, 438. THE TEACHING OF INSTRUMENTAL MUSIC. (See Music 437 and 438).

439, 440. THE TEACHING OF MUSIC. (See Music 439, 440).

442. THE TEACHING OF SPEECH. (See Speech 442).

452. METHODS OF TEACHING SOCIAL STUDIES. (See History 452).

454. METHODS OF TEACHING PHYSICAL EDUCATION. (See Physical Education 454).

460. THE TEACHING OF MODERN FOREIGN LANGUAGES. (See Modern Language 460).

CERTIFICATION REQUIREMENTS

Copies of the provisions of the Illinois Certificating Law are available for distribution in the office of the Department of Education. The provisions of the certificating laws of all states are on file and available for examination.

ENGLISH

ALLEN C. MORRILL, Professor, Head

EVA HANNA CLELAND, Professor

BERNICE FOX, Associate Professor

ADELE KENNEDY, Associate Professor

DAVID D. FLEMING, Instructor

The suggested field of concentration in English consists of the following:

- (a) At least 24 hours in English above the freshman course 101-102 are required. It is recommended that the following courses be taken: English 201-202 in the sophomore year, English 204, English 221, or English 311, English 361, and at least one seminar course in the junior year and one in the senior year.

NOTE: *Upper College course prerequisites:* Qualified students may apply for instructor's approval to waive usual prerequisites.

100. A course in basic fundamentals of writing for students deficient in their language background. Students unable to meet the standards of English 101 will be required by the Department to take this course before credit will be given for English 102. Two meetings a week. One hour credit.

101, 102. FRESHMAN ENGLISH. During the freshman year, the student reviews the elements of English grammar, studies the mechanics of English composition, and practices the art of writing. Weekly themes are required. Attention is given to the improvement of the student's vocabulary and to facility in self-expression and self-correction. The course also provides an introduction to various types of literature, including the essay, the short story, the drama, the novel, poetry, and biography. 101 is prerequisite to 102. Both semesters. Three hours. Note: All freshmen must take both of these courses.

102a. An honors freshman course for students whose performance in English 101 has been outstanding. More ambitious units of writing than those of English 102 and frequent conferences with the instructor. A course aimed to develop student initiative and achievement. Prerequisite: English 101 and the recommendation of the Department. Three hours.

201. SURVEY OF BRITISH LITERATURE. British prose and poetry from their beginnings to 1800. Prerequisites: 101 and 102. First semester. Three hours.

202. SURVEY OF BRITISH LITERATURE. Prose and poetry of Britain from 1800 to the present. Prerequisites: Sophomore standing. Each semester. Three hours.

204. SURVEY OF AMERICAN LITERATURE. The growth of American literature exclusive of the drama; a study of the principal tendencies with emphasis on major figures. Prerequisite: Sophomore standing. Each semester. Three hours.

207, 208. JOURNALISM. During the first semester, students are introduced to the elements of theory and practice of newspaper writing. Readings in the metropolitan dailies are required and discussed. The writing and criticism of news stories are stressed. During the second semester, the work of the first semester is continued and extended by practice work in news features, interviews, feature writing, and editorial comment. Prerequisite: First semester, English 101, 102. Prerequisite: Second semester, English 207. Three hours each semester.

326, 327. ADVANCED JOURNALISM. Credit may be given in Advanced Journalism to a few students who have already taken 207 and 208, and who are working on the *Oracle*, by permission of the instructor. Three hours' credit.

210. GRAMMAR. A course designed for those who feel the need of a more thorough study of basic grammar than is offered in English 101 and 102. No prerequisite. Two hours recitation, one hour credit.

221. MYTHOLOGY (Classics 221) A survey of the myths most commonly alluded to in English and other literatures, and in art, music, and life. First semester. Two hours.

300. REPORT WRITING. A course primarily in technical or report writing for pre-engineering and scientific students and students preparing for graduate work. Advanced training in the gathering, preparation, organization, and presentation of information. First semester. Two hours.

301. MODERN BRITISH PROSE. A study of the leading British writers and movements of the last thirty years. Prerequisite: Sophomore standing. First semester. Two hours.

302. MODERN AMERICAN PROSE. A study of the leading American writers and movements of the last thirty years. Prerequisite: Sophomore standing. Second semester. Two hours.

303. MODERN POETRY, BRITISH AND AMERICAN. A study of twentieth century British and American poetry. Prerequisite: Upperclass standing. First semester. Three hours.

306. CREATIVE WRITING. This course is a workshop of self-expression and evaluation in poetry, the essay, and the short story. The permission of the instructor is required for admission. This course may be repeated for credit. Second semester. Two hours.

307. THE NOVEL. A study of the English novel from its beginning to 1860. Prerequisite: Sophomore standing. First semester. Two hours.

308. THE NOVEL. Continuation of the English Novel from 1860 to the present time. Prerequisite: Sophomore standing. Second semester. Two hours.

309. SURVEY OF THE EUROPEAN DRAMA. A study of the drama as a type of literature and a critical reading of Continental plays from Aeschylus to Ibsen. Emphasis on the literary qualities and social significance of the plays. Prerequisite: Upperclass standing. First semester. Three hours.

310. SURVEY OF THE MODERN DRAMA. A continuation of 309, but may be taken separately. A study of modern dramatists: Continental, British, and American. Prerequisite: Upperclass standing. Second semester. Three hours.

311. GREAT BOOKS AND WRITERS. A course in comparative literature, including translated masterpieces from Egypt, Greece, Rome, Persia, and India, both prose and poetry. Prerequisite: Upperclass standing. First semester. Two hours.

312. GREAT BOOKS AND WRITERS. A continuation of 311, but may be taken separately. Extensive library readings and class discussions of the best literary productions of Europe and the Near East from 1800-1900. Prerequisite: Upperclass standing. Second semester. Two hours.

313. THE ENGLISH ROMANTIC MOVEMENT. A study of British poetry in the first half of the Nineteenth Century. Prerequisite: Upperclass standing. First semester. Three hours.

316. VICTORIAN POETRY. A study of British poetry in the second half of the Nineteenth Century with emphasis on Browning and Tennyson. Prerequisite: Upperclass standing. Three hours.

318. VICTORIAN PROSE. A study of the ideas of this era of change and progress as expressed in essay and fiction. Readings include such authors as Mill, Carlyle, Arnold, Ruskin, Dickens, and Thackeray. Prerequisite: Upperclass standing. Three hours.

319. AMERICAN SHORT STORY. From the time of Poe to the present. The course is designed to meet the widespread interest in the short story and to give standards for criticism through a knowledge of the techniques of skilled writers. Prerequisite: Sophomore standing. Two hours.

320. EUROPEAN SHORT STORY. The emphasis is on British stories, but some French, Russian, Italian and Scandinavian stories are included. Study is

made of the national characteristics as well as the varied techniques. Prerequisite: English 319, or special consent. Two hours.

321. SEVENTEENTH CENTURY LITERATURE. A study of Seventeenth Century British prose and poetry from the days of Donne and Jonson through the Restoration period. Prerequisite: Upperclass standing. First semester. Three hours.

322. EIGHTEENTH CENTURY LITERATURE. A study of Eighteenth Century British prose and poetry from Pope to Burns. The Age of Reason is analyzed and the beginnings of journalism, the novel, and romantic tendencies are studied. Prerequisites: Upperclass standing. Three hours. Second semester.

ENGLISH 323. THE ESSAY. A Study of great English essayists up to the Victorian period. The origin of the essay will be considered briefly, and students will do supplementary work on Twentieth Century essayists for purposes of comparison. Prerequisites: English 101 and 102. Two hours.

ENGLISH 324. BIOGRAPHY, LETTERS, AND DIARIES. A study of subjective and personal writing as well as objective biography which throws light upon the manners and customs, the political, religious, and literary life, and the interesting personalities of the period considered. The purpose of this course is to furnish a background of social history for more purely literary courses. Prerequisites: English 101 and 102. Second semester. Two hours.

430. THE TEACHING OF ENGLISH. A critical study and evaluation of methods of teaching English in junior and senior high school. Especially for upperclassmen who have majored in English or a related field. Second semester. Two hours.

INDIVIDUAL STUDY

In order to encourage individual initiative and scholarly research, the English Department strongly urges English majors to elect in the junior and senior years at least one individual study or seminar type course each year. The following courses meet this standard.

352. INTRODUCTION TO CRITICISM. A course conducted upon the seminar plan in which the student studies the rise of literary criticism among the Greeks and Romans and the evolution to the modern critical standards, especially as they may be applied to British and American writers. Prerequisites: English 201, 202, 6 hours of literature from 300 courses, and the permission of the instructor. Three hours.

361, 362. SHAKESPEARE AND THE ELIZABETHAN PERIOD. The first semester will be devoted to a study of influences forming Shakespeare's background and to the reading of at least six representative plays. The second semester will consist of individual study of Shakespeare and Elizabethan England. Prerequisites: Senior or junior standing and permission of the instructor for 362. Three hours each semester.

401. CHAUCER. A study of Chaucer's England, his language, and his writing, especially *The Canterbury Tales*. Conducted on the seminar plan. Prerequisite: Permission of the instructor.

403. STUDIES IN INDO-EUROPEAN PHILOLOGY. Emphasis is placed on the history, structure, and chief modifications of the English language. Prerequisite: Permission of the instructor. Three hours.

404. STUDIES IN AMERICAN CIVILIZATION. An integrated historical, social and cultural interpretation of life, thought, and institutions in the United

States, 1870-1950. Social problems and reports. Conducted on the seminar plan. Prerequisite: English 204, senior standing, and permission of the instructor. First semester. Three hours.

303. MODERN POETRY, BRITISH AND AMERICAN. A study of twentieth century British and American poetry. Conducted on the seminar plan. Prerequisites: Upperclass standing and permission of the instructor. Three hours.

412. ENGLISH SEMINAR. Problems in English and American literature. Students will either contribute reports based on a general problem or direct their research to supplement their background in English or American literature. Open to senior and junior English majors. Either English 404 or 412 is required of all English majors. Second semester. Two hours.

For other seminar type courses related to English literature, attention is called to the following:

HISTORY 406. AMERICAN BIOGRAPHY.

SPANISH 319. MEDITERRANEAN CULTURE OF THE SIXTEENTH AND SEVENTEENTH CENTURIES.

PHILOSOPHY 315. AESTHETICS.

GEOLOGY AND GEOGRAPHY

DONALD L. WILLS, Associate Professor, Head

The field of concentration in geology consists of:

- (a) A minimum of 24 hours of geology courses including Geology 101, 102, 201, 202, 301, 310, 400, and 420.
- (b) Sixteen hours of courses in two related departments. It is suggested these courses be taken in Biology, Chemistry, Mathematics or Physics.

There is no major offered in the field of geography; however, students taking Geography 101, may use this course as partial fulfillment of Division III's requirements for graduation.

GEOLOGY

101. PHYSICAL GEOLOGY. A study of the earth forms, materials, processes and agencies controlling the physiographic features of the earth. Three lectures and one three-hour laboratory period each week. Field trips to surrounding areas of geologic interest. Offered first semester each year. Four hours. Open to all students.

102. HISTORICAL GEOLOGY. A study of the physical, biological and economic history of the rocks of the earth's crust, with emphasis upon North America. Three lectures and one three-hour laboratory period each week. Field trips to surrounding areas of geologic interest. Second semester. Prerequisite: Geology 101. Four hours.

201. MINERALOGY. Crystallography, descriptive and determinative mineralogy. Lecture and laboratory. First semester. Three hours. Prerequisite: Geology 101 and 102.

202. MINERALOGY. Continuation of Geology 201. Lecture and laboratory. Second semester. Three hours. Prerequisite: Geology 201.

301. **PETROGRAPHY.** This course is basically the study of igneous, sedimentary and metamorphic rocks. It is designed to train the student in the recognition and naming of rocks on the basis of their mineral composition and fabric. Lecture and laboratory. Four hours. Offered in alternate years. Prerequisites: Geology 101, 102, 201, 202 or consent of the instructor. First semester.

330. **FIELD GEOLOGY.** This course consists of a field trip to the Ozark area of Missouri or other areas of Geologic interest during the spring vacation period. The class will meet once a week prior to and after the trip proper. Students must pay all of their own transportation, food lodging. In addition a \$25 special registration fee is required of all students. Two hours. Prerequisites: Geology 101-102 and consent of the instructor.

310. **STRATIGRAPHY AND SEDIMENTATION.** In this course emphasis is placed upon the source of sediments; the environment of deposition, criteria for recognizing the various types of deposits; primary and secondary structures; the alteration, replacement and consolidation of sediments; the nomenclature and classification of formations; the fossil life associated with the various formations; methods of correlation; and the fundamental principles upon which the stratigraphy is based. Second semester. Four hours. Offered alternate years. Prerequisites: Geology 101, 102, 201, 202, 301 or consent of the instructor.

320. **CARTOGRAPHY.** Fundamental drafting techniques used in the compilation and construction of maps, charts, graphs, etc. Open to all students. Offered every other year. Two hours.

400. **STRUCTURAL GEOLOGY.** A study of primary and secondary rock structures and their genesis. Lecture and field work. Second semester. Four hours. Prerequisites: Same as for Geology 310 plus beginning Mathematics and Physics, or consent of instructor.

410. **APPLIED GEOLOGY.** A survey of the practical aspects in geology with regard to practices used in the exploration of oil and other economic important mineral deposits. Open only to majors in geology. Students will be required to prepare papers on subjects of their own interest. Lecture and laboratory. Three hours. Prerequisites: Junior or senior standing in geology. Offered second semester.

419-420. **RESEARCH.** Problems in physical geology, stratigraphy, field geology, structural geology, mineralogy and economic geology. Individual problems for seniors in geology. 419 offered first semester; 420 second semester. Three hours.

430. **GEOLOGY SEMINAR.** A survey of current developments in geology. Preparation and oral presentation of papers concerning these current events in geology. Open only to seniors in geology. Offered second semester. Three hours.

GEOGRAPHY

101. **ELEMENTS OF PHYSICAL GEOGRAPHY.** A study of the physical features of the earth and the setting they provide for man. Open to all students. First semester. Three hours. Lecture only.

102. **HUMAN GEOGRAPHY.** A study of man in his natural environment. Prerequisite: Geography 101. Second semester. Three hours.

300. **ECONOMIC GEOGRAPHY.** A survey of the world's mineral and agricultural resources, manufacturing industries and trade. Open to all students. Two hours.

GOVERNMENT

CARL W. GAMER, Associate Professor, Head

The field of concentration in government consists of:

- (a) A minimum of 24 hours including History 101 and 102 and Government 201 and 202.
- (b) A minimum of 16 hours of courses in one or two related departments, chosen after consultation with the adviser.

201. AMERICAN GOVERNMENT, NATIONAL. A study of the federal government and its constitutional development. Prerequisites: Sophomore standing. First semester. Three hours.

202. AMERICAN GOVERNMENT, STATE AND LOCAL. A study of the political institutions of the forty-eight states and their subdivisions. Prerequisite: Sophomore standing. Second semester. Three hours.

300. CURRENT EVENTS. A study of major developments in contemporary history in the light of their historical background. Two hours. (This course may be taken for History credit.)

311. POLITICS, PARTIES, AND PRESSURE GROUPS. A study of the problems and conduct of elections and primaries in the United States. Special studies are made of current political campaigns. Prerequisite: History 101, 102, or Government 201, 202, or History 251, 252. Two hours.

330. MUNICIPAL GOVERNMENT. City government and administration is studied in more detail than is possible in the elementary government course. Each student is assigned some special report in his field of interest. Prerequisite: Government 202, or History 101-102. Two hours.

360. PUBLIC ADMINISTRATION. A study of the structure, organization, and function of public administrative establishments. The course is intended especially for those interested in the public service as a career, but is of value as a preparation for intelligent citizenship. Prerequisite: Junior standing, or the consent of the instructor. Three hours.

375. PUBLIC FINANCE. (For description see Economics 375.) Three hours.

380. TWENTIETH CENTURY WORLD POLITICS. A study of fundamentals underlying international relations; nationalism, economic forces, power politics, etc. Prerequisite: History 101 and 102 or consent of instructor. Three hours.

381. FOREIGN GOVERNMENTS. A study of the governments of England, France, Germany, Russia; also, briefer treatment of others like the governments of Switzerland, Sweden, Japan, China, Brazil. Prerequisite: History 101-102, or Government 201-202, or History 341.

390. INTERNATIONAL LAW. A consideration of the public international law from texts and cases. Both law of war and law of peace are considered. Prerequisite: History 101-102, or Government 201, or History 335, 336. Three hours.

395. CONSTITUTIONAL LAW OF THE UNITED STATES. A study of the constitutional law of the United States from the decisions of the Supreme Court. This course is designed to serve as a background for understanding American

institutions. Prerequisite: Government 201-202, or History 251-252. Three hours.

401A or 401B. SEMINAR IN POLITICAL PROBLEMS. This is to acquaint the student with various sources of information, both public documents and others, and by means of individual and/or group projects to teach him how to find facts and seek answers to some concrete problems in the field of politics or government. Prerequisite: Government 201 and 202 and junior standing or consent of the instructor. 401A one hour, 401B two hours.

HISTORY

F. GARVIN DAVENPORT, Professor, Head

MARY BARTLING CROW, Assistant Professor

The field of concentration in history consists of:

- (a) A minimum of 24 hours of history courses, including History 101 and 102, History 251 and 252, and 392.
- (b) 16 hours of courses in one or two related departments chosen after consultation with the adviser.

101. WORLD CIVILIZATION. A survey of human progress from the Medieval Age to the seventeenth century. First semester. Three hours.

102. WORLD CIVILIZATION. A continuation of History 101. Rise of the great commercial empires; development of the democratic doctrine; intellectual, political, and industrial revolutions; imperialism and two world wars. Second semester. Three hours.

(NOTE: History 101 and 102 in sequence form the introductory course in the department, which must be taken, preferably in the freshman year, by all History or Government majors. It may be counted either for History or Government credit.)

251. AMERICAN HISTORY, 1492-1860. A general introduction to American history emphasizing the founding of the colonies, the Revolution, and problems of nationalism and expansion to 1860. First semester. Three hours.

252. AMERICAN HISTORY 1860-1950. A continuation of History 251. Emphasis on the Civil War and Reconstruction, rise of big business, labor and agrarian movements, and the United States as a world power. Second semester. Three hours.

(NOTE: History 251 and 252 in sequence form a unit which must be taken by History majors, preferably in the sophomore year.)

300. CURRENT EVENTS. (For description see Government 300.) Each semester. Two hours.

322. MEDIEVAL HISTORY. A study of medieval social and cultural life, and its influence on later history. Some attention to the classical, Byzantine and Islamic backgrounds. Not open to freshmen. Alternate years. Two hours.

334. NINETEENTH CENTURY EUROPE. A study of the industrial revolution, the growth of democracy, nationalism and imperialism from 1815 to 1890. First semester. Three hours. Not offered in 1957-58.

335. TWENTIETH CENTURY EUROPE. An investigation of European history with the emphasis on Imperial and Nazi Germany as the focal point

of European politics. Open to juniors and seniors. Second semester. Three hours.

341. HISTORY OF GREAT BRITAIN. English political and social development from the fifteenth to the eighteenth century. First semester. Three hours.

342. HISTORY OF GREAT BRITAIN. Growth of the British Empire and the development of the modern parliament. Political and social reform. England in the two world wars. Second semester. Three hours.

344. MODERN RUSSIA. Primarily a study of the causes and results of the Russian revolutions of 1905 and 1917 including an analysis of the Soviet regime. Prerequisite: a course in modern Europe or upper class standing. Second semester. Two hours. Not offered in 1957-58.

351. HISTORY OF AMERICAN CULTURE. A study of American intellectual and cultural growth from the colonial period to the Twentieth century. The course is selective and interpretive. Emphasis is placed on the development of literature, religion, science and art in relation to the democratic ideal. Prerequisite: History 251-252, or consent of instructor. First semester. Three hours.

352. AMERICAN DIPLOMATIC HISTORY. A survey of our national effort to find America's proper place in a constantly changing world. Prerequisite: History 251-252. Second semester. Three hours. (Not offered in 1957-58.)

353. TWENTIETH CENTURY AMERICA. A study of the social and intellectual life of the United States from Theodore Roosevelt and the Progressive Movement to Franklin Roosevelt and the New Deal. Second semester. Three hours. Not offered in 1957-58.

384. HISTORY OF THE SOUTH. A study in regional History. A social and economic history of the South with the emphasis on the period 1800-1880. The cotton and tobacco kingdoms, slavery and the Civil War. Prerequisite: History 251-252 or consent of instructor. Second semester. Three hours. Alternates with History 386.

385. HISTORY OF THE WEST. A study in regional history. The various stages of the frontier; forest culture, the prairie culture, and the plains culture. The cattle kingdom and the mineral frontier. The West as a social, economic and political force in the nation's history. Prerequisite: History 251-252 or consent of instructor. Second semester. Three hours. Alternates with History 384.

INDIVIDUAL STUDY

In order to encourage individual initiative and scholarly investigation, the History Department offers a series of seminars and individual study courses numbered 392, 404, 405, and 406.

392. HISTORY SEMINAR. Introduction to historical method and research. Required of all history majors in the junior year. Second semester. Two hours.

404. STUDIES IN AMERICAN CIVILIZATION. (See also English 404 and Sociology 404.) An integrated historical, social, and cultural interpretation of life, thought, and institutions in the United States since 1870. Conducted on the seminar plan. Prerequisites: for history majors, History 351 and 392 and consent of the instructor; English and sociology majors should consult their adviser for prerequisites. First semester. Three hours.

405. MODERN REVOLUTIONS. A study of the major revolutions in modern

history beginning with the English revolutions of the seventeenth century. Conducted on the seminar plan. Prerequisites: History 392 and the consent of the instructor. First semester. Two hours.

406. AMERICAN BIOGRAPHY. An individual study course in selected problems related to outstanding Americans. Prerequisites: senior standing, History 392. (Open to English majors. See English 406.) Second semester. Two hours.

452. TEACHING OF THE SOCIAL STUDIES. Principles, techniques and materials involved in the teaching of the social studies at the elementary and secondary level. Offered to meet demand. Two hours.

HOME ECONOMICS

MARTHA M. HAMILTON, Assistant Professor, Acting Head

IRENE KISTLER, Instructor

The field of concentration in Home Economics consists of:

- (a) A departmental unit of at least 24 hours.
- (b) Related courses totaling at least 16 hours, from one or two of the following departments: chemistry, biology, sociology, art, psychology, drama, education, and English.

151. ELEMENTARY NUTRITION. A study of the contributions of nutrition to the total health and well-being of the individual and of the family. The essentials of an adequate diet based on food requirements. The nutritive value of common foods. Two class hours per week. Open to all students. First semester. Two hours.

225. TEXTILES AND CLOTHING. A study of household and clothing textiles with special emphasis upon new fibers. Laboratory work in Clothing consists of the using of commercial patterns and the application of both hand and machine sewing to the making of specified garments. Prerequisite: Art 211. One hour lecture and four hours laboratory per week. First semester. Three hours.

225A. For Seniors who desire a basic knowledge of sewing construction. Clothing 225 without Textiles. Four hours laboratory per week. Second semester. Two hours.

226. CLOTHING. A continuation of 225 without Textile study. Prerequisites: Home Economics 225 and Art 211. Six hours laboratory per week. Second semester. Three hours.

251. FOODS, SELECTION AND PREPARATION. A general orientation to education for home and family life. Includes a study of food products with reference to production, selection, nutritive value and cost. Laboratory work in preparation of food on the meal basis. Prerequisites: Home Economics 151. For students whose field of concentration is Home Economics, one year of chemistry will be required as a prerequisite. One hour lecture and four hours laboratory per week. Three hours.

252. MEAL PLANNING AND TABLE SERVICE. Planning and serving family meals with emphasis on preparation, nutritional requirement, budgeting, marketing, esthetic value, table accessories and entertainment. Prerequisites: Home Economics 151 and 251. One hour lecture and four hours laboratory per week. Three hours.

327. **ADVANCED CLOTHING.** Laboratory work includes the more difficult problems in clothing construction. Prerequisites: Home Economics 225, 226, Art 211. Four hours laboratory per week. First semester. Two hours.

330. **TAILORING.** A study and application of tailoring techniques, as applicable to contemporary fashion. Prerequisites: Clothing 225, 226, and 227. To be given in alternate years. Second semester. Four hours laboratory per week. Two hours.

332. **DRAFTING.** A study of pattern drafting, and construction of original designs. Prerequisites: Clothing 225, 226, and 227. To be given in alternate years. Second semester. Four laboratory hours per week. Two hours.

352. **ADVANCED NUTRITION.** Food requirements of different ages and activities. The chemistry of food and nutrition with emphasis upon digestion and metabolism. Prerequisites: Home Economics 151; one year of Chemistry or Biology. Second semester. Three hours.

371. **CONSUMER ECONOMICS.** A study of the economic issues with which consumers are faced. Emphasis on skills necessary for intelligent consumer choices and for interpretation of larger social-economic problems concerning consumer behavior. First semester. Junior standing. Three hours.

* See Page 126 for additional Courses in Home Economics.

MATHEMATICS

HUGH R. BEVERIDGE, Professor, Head

PAUL CRAMER, Associate Professor

with the assistance of

PROFESSOR LYLE FINLEY, of the Department of Physics

The field of concentration in mathematics consists of:

(a) A departmental unit of at least 24 hours including 252 and two courses numbered above 300.

(b) Related courses totaling at least 16 hours, selected from one or two of the following departments: biology, chemistry, geology, physics, economics, philosophy.

106. **SOLID GEOMETRY.** Two hours.

111. **COLLEGE ALGEBRA.** Quadratic equations, simultaneous equations, progressions, theory of equations, etc. Prerequisite: 1 year algebra, 1 year plane geometry. Three hours.

112. **TRIGONOMETRY.** Trigonometric functions, logarithms, identities, and solution of triangles. Prerequisite: 1 year algebra, 1 year plane geometry. Three hours.

151, 152. **ANALYTIC GEOMETRY AND CALCULUS.** Fundamental ideas of functions, the straight line, the conics and an introduction to the concepts of calculus. Three hours each semester. Prerequisite: 1½ years algebra, 1 year plane geometry, ½ year trigonometry. Three hours each semester.

211. **MATHEMATICS OF FINANCE.** Interest discount, annuities, amortization, sinking funds, bonds, depreciation, elements of actuarial science. Prerequisite: 111. Three hours.

212. INTRODUCTION TO STATISTICS. Elementary principles in the analysis of data, with applications. Prerequisite: 111. Three hours.

251, 252. CALCULUS. Further study of the techniques of differentiation and integration with applications in the fields of physics and engineering. Prerequisite: Mathematics 152. Three hours each semester.

301, 302. ADVANCED CALCULUS. Series, partial differentiation, definite integrals, multiple integrals, fourier series. Prerequisite: 252. Three hours each semester.

303, 304. DIFFERENTIAL EQUATIONS. An introduction to ordinary and partial differential equations and their application. Prerequisite: 301. Three hours each semester.

311, 312. INTRODUCTION TO MODERN ALGEBRA. Rings, integral domains, fields, groups, determinants and matrices. Prerequisite: 152. Three hours each semester.

321, 322. INTRODUCTION TO HIGHER GEOMETRY. Linear dependence, projective geometry. Prerequisite: 252. Three hours each semester.

432. THE TEACHING OF MATHEMATICS. Prerequisite: 252. Two hours.

ASTRONOMY

202. DESCRIPTIVE ASTRONOMY. A course dealing with the fundamental facts and principles. Three hours.

ENGINEERING

101. GRAPHICS I. A study of engineering drafting practice including use of instruments, practice in lettering, orthographic projection, technical sketching, dimensioning and conventional methods of sectioning and representing machine and structural elements. Prerequisite: Plane geometry. Three hours.

102. GRAPHICS II. A study of pictorial drawing including practice in isometric, oblique, and perspective drawing. About two-thirds of the semester is given over to descriptive geometry including graphical solutions of theoretical and practical problems involving geometrical elements such as points, lines, planes, surfaces and solids. Prerequisite: Solid geometry and Engineering 101. Three hours.

203. SURVEYING. Plane and topographic surveying. Prerequisite: Mathematics 112. Three hours.

204. APPLIED MECHANICS. Force systems; equilibrium; centroids; center of gravity; friction; introduction to dynamics. Prerequisites: Mathematics 152, Physics 201; registration in Mathematics 251. Three hours.

MODERN LANGUAGES AND LITERATURE

DOROTHY DONALD, Professor, Head

MARY-ELEANOR MAULE, Assistant Professor

FRED M. MULLETT, Instructor

ERIKA BLAAS, Instructor

The inter-dependence of the peoples of the world emphasizes today the need for practical knowledge of foreign language and for better understanding of foreign background and culture. The courses in this department, which

includes French, German, and Spanish, aim to convert these languages into serviceable means of communication. Through proficiency in the use of a foreign language, students are enabled to gain first-hand acquaintance with the life and culture of a country other than their own, thereby acquiring a degree of international understanding.

CORRELATION OF HIGH SCHOOL AND COLLEGE FOREIGN LANGUAGE STUDY

One year of foreign language in high school is considered the equivalent of one semester in college. However, a student who wishes to continue in college the foreign language which he has studied one year in high school may elect the regular two semester elementary courses, 101 and 102, with full college credit.

Two years of foreign language in high school are considered the equivalent of one year in college. All students who wish to continue in college the foreign language which they have studied two years or more in high school must take a placement examination. On the basis of this examination one of the following courses will be recommended: advanced course, intermediate course, or elementary course. If the last named is elected, college credit must not exceed four hours.

FIELD OF CONCENTRATION

The field of concentration in each of the three departments comprising the Modern Language group consists of the following:

- (a) A departmental unit of 24 hours beyond 101 and 102. After the completion of elementary and intermediate courses, students are qualified to extend their study of foreign language, literature and culture through specialized courses and independent study. Inter-departmental seminars such as Mediterranean Culture furnish insight beyond national boundaries into the intellectual, artistic, social, and political forces peculiar to a given age.
- (b) Independent study. Lines of interest acquired during a regular course are pursued for a semester through individual or group study during both the junior and senior years. With the assistance of the instructor, topics are selected which provide a well rounded program of study complementing work done in regular classes and seminars.
- (c) Study in a foreign country. As a part of the undergraduate program students are encouraged to reside and to study in a foreign country. By arrangement with Mexico City College, Mexico, D. F., students of Monmouth College may study the summer or fall quarter in Mexico. One exchange scholarship is available each year.
- (d) Related courses totaling at least sixteen hours from one or two of the following departments: art, classics, economics, English, other modern foreign languages, history, and philosophy. Familiarity with a second foreign language affords increased opportunity for teaching and for business purposes. Closely related to the modern language field are English 403, Philology; Philosophy 315, Aesthetics; and Art 323, 331-332.

FRENCH

101, 102. ELEMENTARY. A comparatively brief introduction to the basic facts of grammar followed by extensive reading of graduated difficulty. Much

practice in oral composition of the question-answer type. Both semesters. Four hours.

201, 202. INTERMEDIATE. Extensive reading for the purpose of acquiring vocabulary; a review of grammar, with written and oral composition. Both semesters. Three hours.

203, 204. CONVERSATION AND COMPOSITION. Emphasis on oral facility and practice. Elementary composition. Use of records, tape-recordings, and French language periodicals. Two hours.

301. THE NOVEL. The background of the French novel, followed by reading of representative and outstanding modern authors such as Balzac, Flaubert, Proust, and Gide. First semester. Three hours. (Not offered 1957-58.)

305. THE SHORT STORY AND ESSAY. Study of the French short story as a literary genre. Stress is placed on reading of short stories since 1860, including Maupassant, Merimee, Daudet, France and recent authors. Of interest to the general reader. First semester. Three hours.

306. FRENCH DRAMA. Background history of French drama, with reading of some of the great plays of the French theatre. Emphasis on the seventeenth century. Second semester. Three hours. (Not offered 1957-58.)

309, 310. READING IN THE FIELD OF CONCENTRATION. Both semesters. One or two hours. Of special interest to those who wish to make an immediate practical use of their French.

319. MEDITERRANEAN CULTURE OF THE SIXTEENTH AND SEVENTEENTH CENTURIES. Aesthetic aspects of the Mediterranean world as reflected in literature, architecture, painting, and sculpture. Correlation of historical background. Readings from French, Italian, and Spanish literature in the original or translation. One hour lecture, one hour discussion, and one hour individual conferences. Collaboration of the departments of art and foreign languages. Three hours. Open to juniors and seniors or the consent of instructor. First semester.

320. INDIVIDUAL OR GROUP STUDY. Further studies in fields covered by courses 301, 305, 306, or 319, individually or in groups. Selection of such subjects as: Moliere, the Encyclopedists, French Romanticists, French memoirs. Two hours.

402. SURVEY OF FRENCH LITERATURE. Rapid reading of selections from the more important and entertaining authors. An "aperçu" of the history of French literature. Second semester. Two hours.

420. INDEPENDENT STUDY. Individual research problems under guidance of the instructor. Two hours.

460. METHODS OF TEACHING MODERN FOREIGN LANGUAGES. Readings, observations, discussions, conferences. Some practice teaching. Two hours. Offered only upon request of those with satisfactory preparation in the language.

GERMAN

101, 102. ELEMENTARY GERMAN. An introduction to the German language, with special emphasis on oral and aural practice. Both semesters. Four hours.

201, 202. INTERMEDIATE GERMAN. Reading chosen from the works of modern authors. Grammatical review and composition. German conversation at intermediate stage. Prerequisite: German 101-102 or its equivalent. Both semesters. Three hours.

202S. INTERMEDIATE GERMAN. (Scientific). Reading of scientific texts and modern German literature. Grammatical review and composition. German conversation at intermediate stage. Prerequisite: German 201 or equivalent. Second semester. Three hours.

301, 302. INTRODUCTION TO THE STUDY OF GERMAN LITERATURE. Prerequisite: German 201-202 or its equivalent. Both semesters. Two hours.

301S, 302S. SCIENTIFIC GERMAN. Reading of advanced scientific material. Collateral reading related to field of concentration. Study of one literary text of non-scientific nature. Prerequisite: German 201-202S or equivalent. Both semesters. Two hours.

303, 304. CONVERSATION AND COMPOSITION. Use of German newspapers and magazines, records, and tape recordings.

321, 322. READING IN THE FIELD OF CONCENTRATION. For advanced students able to read fluently in their field of special interest. Both semesters. One or two hours. (Courses indicated by "a" and "b" respectively).

SPANISH

101, 102. ELEMENTARY COURSE. Essentials of grammar, diction, oral and aural practice, reading, simple composition, drill in pronunciation. Both semesters. Four hours.

203, 204. INTERMEDIATE COURSE. Intensive class reading of modern literature, review of grammar, practice in conversation and composition. Outside reading. Stress laid on gaining proficiency in reading and speaking. Both semesters. Three hours.

205, 206. CONVERSATION AND COMPOSITION. Emphasis on oral facility and accuracy. Review of grammar. Use of Spanish language periodicals, records, and tape recordings. Two hours.

306. MODERN SPANISH LITERATURE. Brief study of Spanish peninsular literature from 1830-1930: the Romantic drama, the regional novel, Perez Galdos, the generation of 1898, Garcia Lorca. Second semester. Three hours. (Not offered 1957-58.)

307. SPANISH AMERICAN THOUGHT. Effort is made to interpret the various Spanish American countries, their people, their history, and their institutions, through their literature read in the original. Background of colonial literature, novels of the Revolutionary period, the social novel, political essay, and indigenous literary movements such as Modernismo. First semester. Three hours. (Not offered 1957-58.)

309. ADVANCED COMPOSITION AND CONVERSATION. Advanced training in oral and written work. In addition, the elements of phonetics and the rudiments of Spanish commercial correspondence will be studied. One semester. Two hours.

315. CONTEMPORARY HISPANIC IDEOLGY. Interpretation of contemporary thought in peninsular Spain and Latin America through a study of the press and current literature. Class will be conducted along seminar plan with occas-

sional lectures by departmental instructors and guest speakers. Second semester. Three hours.

319. MEDITERRANEAN CULTURE OF THE SIXTEENTH AND SEVENTEENTH CENTURIES. Aesthetic aspects of the Mediterranean world as reflected in literature, architecture, painting, and sculpture. Correlation of historical background. Readings from French, Italian, and Spanish literature in the original or translation. One hour lecture, one hour discussion, and one hour individual conferences. Collaboration of the departments of art and foreign languages. Three hours. Open to juniors and seniors or the consent of the instructor. First semester.

320. INDIVIDUAL OR GROUP STUDIES. Further study in fields covered by courses 306, 307, 315, or 319, for Junior students individually or in groups. Topics selected from such subjects as: Golden Age drama, *Don Quijote*, Latin American political essay, Modernista poets. Two hours.

401. INDEPENDENT STUDY. Individual research problems under guidance of the instructor. Two hours.

460. METHODS OF TEACHING MODERN FOREIGN LANGUAGE. Discussion, observation, and practice dealing with modern aims and methods in language teaching. Attention given to audio-visual aids, foreign language teaching in elementary grades as well as high school. Advanced students only. Offered upon request. One semester. Two hours.

MUSIC

HEIMO A. LOYA, Professor, Head

ELWOOD BALL, Assistant Professor

JAMES DUNN, Assistant Professor

ELAINE CRAY, Instructor

GRACE GAWTHROPE PETERSON, Instructor

It is the aim of the Music Department to provide: (1) Opportunities for any student to develop an understanding and appreciation of music; (2) a four-year course for students whose interest leads them to concentrate in music as an end in itself, as a preparation for graduate study and for a professional career as teacher or performer; (3) a four-year course which will comply with State requirements in both education and music for students who wish to become supervisors or teachers of music in elementary and high schools.

The field of concentration in music consists of:

1. A departmental unit of 36 hours including Music 201, 202, 301, 302, 303, 304, 321, 322, 401, and 402, and eight hours in Applied Music.
2. Related courses chosen from one of the following areas of specialization and related fields:
 - a) Music Literature and Performance.
 - b) Music Education.
 - c) Sacred Music.

The student who is majoring in some other field may elect any courses for which he has the prerequisites.

All music majors and other students of applied music are governed by the following requirements.

1. They must attend all recitals and concerts.
2. All music majors will be encouraged to take Physics 104, Sound and Elementary Acoustics. It is recommended that this course be taken in the normal succession, Physics 101, 104.
3. All music majors will be required to pass an examination in piano covering materials used in the area of specialization.
4. Not more than eight hours in applied music, or eight hours in ensemble music, or fourteen hours in both fields combined, may be counted, with the exception that a major in Music Literature and Performance may count up to 16 hours in applied music towards the A. B. degree.
5. One hour of ensemble music taken concurrently with one hour of applied music will be accepted as a semester of Division L-B of the graduation requirements.

The equipment of the music department includes seven teaching studios with grand pianos, seven practice rooms, a Steinway Concert Grand piano, a Mason and Hamlin Concert Grand piano, a three-manual Schantz Concert Organ (1946), and a two-manual Schantz practice organ. The music library contains a large collection of phonograph records and scores, a collection of music for violin, voice, piano, and organ, and a carefully chosen list of books on musical subjects.

OUTLINE OF COURSES

MUSICAL CULTURE

127. INTRODUCTION TO MUSIC. A survey course aiming to give a feeling for the style of different periods and composers and some acquaintance with the principal forms of music. Intended primarily for students who are not majoring in music, however, it is open to prospective majors who feel the need of additional background before entering specialized courses. Given each semester. Two hours.

128. INTRODUCTION TO MUSIC. A continuation of Music 127 with emphasis on the understanding of music. A detailed study of the composers' materials and the application thereof to selected major musical works through listening. Second semester. Two hours.

229. MUSIC IN OUR TIME. A study of the contemporary trends in music as manifest in the works of such composers as Stravinsky, Schoenberg, Prokofieff, Hindemith, Bartok, Copland and Barber; and an evaluation of the Jazz idiom. This course is designed to give students a background for intelligent appreciation and understanding of modern music. Second semester. Two hours.

321, 322. HISTORY AND LITERATURE OF MUSIC. A study of works, styles, and musical activity from earliest times through the twentieth century. Consideration of the relationship of the art to contemporary social, cultural, and political circumstances. Emphasis placed on aural appreciation of style evolution throughout history. Three hours each semester.

327. SACRED MUSIC. A survey of sacred music from the musico-religious practices of primitive man to the present. First semester. Two hours.

328. SACRED MUSIC. A practical concern for music specifically related to the Protestant Church. Major sacred works from all periods are heard and discussed. A portion of the semester's work is devoted to a critical appraisal of the standard church repertory of anthems, larger choral works, organ literature and hymns. Provision is made in this part of the course for the student to pursue detailed studies pertinent to his major interest. Second semester. Two hours.

STRUCTURE AND ORGANIZATION OF MUSIC

201, 202. THEORY OF MUSIC I. Approach to the elements of music—melody, harmony, rhythm and form—as employed during the functional harmonic period (eighteenth and nineteenth centuries) through the development of skills in hearing, singing, keyboard, writing and analysis. Primarily for music majors. Other majors by permission of the music department. Three hours each semester.

301, 302. THEORY OF MUSIC II. Advanced Harmony and Counterpoint. Sight-singing, dictation and keyboard harmony. Original composition in two and three-part forms. Writing and analyzing melody in one, two and three voices. Four hours each semester.

303. MUSICAL FORM. A study of the development of the larger forms in music up to and including their treatment by composers of the nineteenth century. The approach is by analysis of selected works through score reading and listening. Two hours. First semester.

304. ORCHESTRATION. A study of the characteristics and possibilities of orchestral instruments, and of their combination in small groups and in the full orchestra. Reading and analysis of orchestral scores and listening to recordings of instrumental groups. Arranging original compositions for existing musical groups on the campus. Two hours.

401, 402. SEMINAR. Individual research in areas of specialization. Open only to students completing a major in music. Two hours each semester.

MUSIC EDUCATION

311. CONDUCTING. Principles and methods of choral and instrumental conducting. Technique of the baton. Interpretative study of both choral and instrumental scores. Practical experience in connection with existing musical groups on the campus. Prerequisite: Private instrumental or voice study or satisfactory ensemble experience. First semester. Two hours.

438. INSTRUMENTAL TECHNIQUES. The teaching and administration of instrumental music in public schools. Techniques of group instruction, materials and equipment. Principles and methods of conducting school orchestras and bands, to include an intensive survey of the literature. Second semester. Two hours.

439. TEACHING MUSIC IN THE ELEMENTARY SCHOOLS. Music fundamentals, teaching skills, actual teaching methods at different age levels. A comprehensive coverage of music requirements for prospective elementary teachers. First semester. Three hours.

440. CHORAL TECHNIQUES. The teaching and administration of vocal music in Secondary Schools. A study of the general music program in Junior

High School, the changing voice, instructional problems and materials for vocal ensembles, and operetta production. Second semester. Two hours.

MUSICAL PERFORMANCE

261, 262. COLLEGE ORCHESTRA. A laboratory course in the theory and practice of orchestral music. Registration by permission of instructor. One hour each semester. Students dropping at mid-year receive no credit.

263, 264. CHORAL MUSIC. College Vesper Choir. Registration by permission of the instructor. Attendance at Choral Society rehearsals required. One hour each semester. Students dropping at mid-year receive no credit.

263A, 264A. CHORAL MUSIC. College Chorale, limited to 16 voices. Registration by permission of the instructor. One hour each semester. Students dropping at mid-year receive no credit.

267, 268. COLLEGE BAND. A laboratory course in the theory and practice of band music. Registration by permission of instructor. One hour each semester. Students dropping at mid-year receive no credit.

APPLIED MUSIC

PRIVATE LESSONS—ONE OR TWO HOURS

Instruction in solo performance is offered on a uniform basis of one thirty minute individual lesson and one class meeting weekly for one hour credit each semester.

151, 152. FRESHMAN VOICE.	355, 356. JUNIOR ORGAN.
251, 252. SOPHOMORE VOICE.	455, 456. SENIOR ORGAN.
351, 352. JUNIOR VOICE.	157, 158. FRESHMAN STRINGS,
451, 452. SENIOR VOICE.	WOODWIND OR BRASS.
153, 154. FRESHMAN PIANO	257, 258. SOPHOMORE STRINGS,
253, 254. SOPHOMORE PIANO	WOODWIND OR BRASS.
353, 354. JUNIOR PIANO.	357, 358. JUNIOR STRINGS,
453, 454. SENIOR PIANO.	WOODWIND OR BRASS.
155, 156. FRESHMAN ORGAN.	457, 458. SENIOR STRINGS,
255, 256. SOPHOMORE ORGAN.	WOODWIND OR BRASS.

PHILOSOPHY

SAMUEL M. THOMPSON, Professor, Head

The field of concentration in philosophy consists of:

- A departmental unit of at least 24 hours in philosophy including 201, either 301, 302 or 303, 304, and six hours of independent study.
- Related courses totaling at least 16 hours, chosen from one or two fields with the approval of the adviser.

201. INTRODUCTION TO LOGIC. The aim of this course is to help the student develop an understanding of logical relations and skill in the logical control and evaluation of thinking. Open to all students. Two hours.

202. INTRODUCTION TO PHILOSOPHY. An introduction to the general field and problems of philosophy, including the basic ideas and concepts we use to organize and interpret our experience. Open to all students. Two hours.

221. GENERAL PSYCHOLOGY. (For description see Psychology 221.) Three hours.

301. GREEK PHILOSOPHY. A study of the development of Greek thought with special reference to Plato and Aristotle. Some attention will be given to the religious and ethical thought of the Hellenic and Roman periods and to the synthesis of Greek and Christian thought in the middle ages. Open to juniors and seniors. Alternates with 303. First semester. Three hours. (This course is listed also under the Department of Classical Languages.)

302. MODERN PHILOSOPHY. A study of the more important philosophers of the modern period with special emphasis on Descartes, Spinoza, Locke, Hume and Kant. Open to juniors and seniors. Alternates with 304. Second semester. Three hours.

303. INTRODUCTION TO ETHICS. An analysis of basic moral concepts and a study of their application in personal choice and decision. Open to juniors and seniors. Alternates with 301. First semester. Three hours.

304. POLITICAL AND SOCIAL ETHICS. The function of the state, the problem of sovereignty, political obligation, and the ethical problems of economic and social relationships. Open to juniors and seniors. Alternates with 302. Second semester. Three hours.

307. NINETEENTH CENTURY THOUGHT. A study of the more important thinkers of the nineteenth century, including Hegel, Schopenhauer, Comte, Mill, Darwin, Spencer, Marx, Nietzsche, and Kierkegaard. Open to juniors and seniors. Alternates with 315. First semester. Two hours.

308. TWENTIETH CENTURY THOUGHT. A study of the more important thinkers of the twentieth century including Royce, Moore, Croce, Santayana, Bergson, Whitehead, Husserl, James, Dewey, Russell, and Einstein. Open to juniors and seniors. Alternates with 316. Second semester. Two hours.

309. PHILOSOPHY OF EDUCATION. The theories and basic concepts of education, with special emphasis on the aims and values of education, the relation of educational problems to general philosophical issues, and the place of education in society. Open to juniors and seniors. Two hours. (This course is listed also under the Department of Education.)

310. ADVANCED LOGIC. A study of contemporary theories and techniques of logic. Prerequisite: Philosophy 201. Given by special arrangement. Three hours.

311. PHILOSOPHY OF HISTORY. A study of the nature of history; the kind of knowledge which history provides, together with the tests of truth which are used in historical judgment; and an analysis and examination of the chief theories concerning the meaning of history. First semester. Two hours. (This course is listed also under the Department of History.)

313. PHILOSOPHY OF RELIGION. A study of basic religious concepts, including the relations of faith and knowledge. Special emphasis will be given to Christian thought. Open to sophomores, juniors and seniors. Given each semester. Three hours. (This course is listed also under Department of Bible and Religion, and may be counted toward the satisfaction of the Bible and Religion requirement.

315. AESTHETICS. A study of the values in literature, music, and the other arts, with special attention to the nature of aesthetic truth and its re-

lation to scientific truth and religious faith. Open to juniors and seniors. Alternates with 307. First semester. Two hours.

316. PHILOSOPHY OF SCIENCE. The nature of scientific knowledge, the development of modern scientific concepts, and the relation of science to other methods of inquiry and to other areas of knowledge. Open to juniors and seniors. Alternates with 308. Second semester. Two hours.

319, 320. JUNIOR INDEPENDENT STUDY. An individual program of independent reading and study arranged in consultation with the instructor. Special attention will be given to areas of interest to the student. Weekly reports and frequent conferences will be required. Three hours each semester.

419, 420. SENIOR INDEPENDENT STUDY. A continuation of 319, 320, but at a more advanced level. The two year program of independent study will culminate normally in the preparation of a Senior Thesis. Three hours each semester.

PHYSICS

LYLE W. FINLEY, Professor, Head
with the assistance of

PROFESSOR GARRETT THIESSEN of the Department of Chemistry

ASSOCIATE PROFESSOR PAUL CRAMER of the Department of Mathematics

The field of concentration in physics consists of:

- (a) A departmental unit of at least 24 hours including three courses numbered above 300.
- (b) Related courses totaling at least 16 hours, chosen from one or two departments approved by adviser.

NOTE: There are two beginning courses in physics; 101, 102 and 201, 202. Mathematics and science majors who have completed one year of college mathematics are advised to take 201 and 202. Music and speech majors may substitute 104 for 102.

101. INTRODUCTORY PHYSICS. A survey course in the fundamentals of mechanics, heat, and sound. Open to beginners in physics. Three class meetings each week consisting of demonstrations, lectures, informal discussions and quizzes. One laboratory period each week. First semester. Four hours.

102. INTRODUCTORY PHYSICS. A survey course in the fundamentals of electricity, magnetism, and light. A continuation of Physics 101. Second semester. Four hours.

104. INTRODUCTION TO SOUND AND ACOUSTICS. A study of the production, propagation, properties, and measurements of sound waves. Special emphasis on speech and hearing, theory of common musical instruments, musical scales and acoustics of rooms. One laboratory period each week. Prerequisite: Physics 101 or consent of instructor. Second semester. Three hours.

106. METEOROLOGY. Air temperature and insolation, atmospheric pressure and winds, atmospheric moisture and precipitation, storms and their associated weather types. Applications to air navigation. Open to all students. Three hours.

201. GENERAL PHYSICS. The fundamentals of mechanics, heat, and sound. A more mathematical treatment of these subjects than that of 101 with more emphasis on problems. One laboratory period each week. Prerequisite: Mathematics 102 or 104. First semester. Five hours.

202. GENERAL PHYSICS. The fundamentals of electricity, magnetism, and light. A continuation of Physics 201. One laboratory period each week. Second semester. Five hours.

204. APPLIED MECHANICS. Coplanar forces, forces in space, centroids, center of gravity, friction, moment of inertia, introduction to dynamics. Prerequisites: Mathematics 201, Physics 201 or 203, registration in Mathematics 202. Second semester. Three hours.

205. INTERMEDIATE LABORATORY AND PROBLEMS. A further study of forces, rotary motion, elasticity, and vibratory motion. This course is intended for students who have taken 101 and 102 and who wish to continue the study of physics. Prerequisite: Physics 101. First semester. Two hours.

206. INTERMEDIATE LABORATORY AND PROBLEMS. Intermediate experiments on light and modern physics. Prerequisite: Physics 102 or 202. Second semester. Two hours.

230. RADIO. An introductory course in radio. Three recitations and one laboratory period each week. Open to all students. Four hours.

301. LIGHT. An introductory course in geometric and physical optics. Lectures and laboratory exercises in the laws of reflection and physical optics and their application to optical instruments, phenomena of interference, diffraction, dispersion, polarization, laws of radiation, the nature and fundamental laws of atomic and molecular spectra. Three recitation periods each week. Prerequisites: Physics 101 or 102 or 201 and 202. Three hours.

302. HEAT. An intermediate course in heat and thermal measurements, including the phenomena of expansion, calorimetry, change of state, elementary kinetic theory, and a brief introduction to thermodynamics. Two recitations and one laboratory period each week. Prerequisites: Physics 101 and 102, or 201 and 202, Mathematics 202.

303. ELECTRICITY AND MAGNETISM. An intermediate course in the principles of electricity and magnetism. Three recitations and one laboratory period each week. Prerequisites: Physics 101 and 102, or 201 and 202. Mathematics 202. First semester. Four hours.

304. ELECTRICITY AND MAGNETISM. Continuation of 303. Prerequisites: Physics 303, Mathematics 202. Second semester. Three hours.

305. ANALYTIC MECHANICS. Rectilinear motion, curvilinear motion and rotation, work, energy, and power, dynamics of rotating bodies, plane motion, impulse, momentum, and impact. Prerequisites: Physics 202 or 203, Mathematics 202. Three hours.

308. MODERN PHYSICS. Introductory survey of atomic physics; properties of fundamental particles (electrons, protons); atomic energy levels, excitation and emission phenomena; photon; atomic and X-ray spectra; periodic arrangement of atoms; radioactivity; isotopes; nuclear structures; transmutations. Prerequisites: Physics 101 and 102, or 201 and 202, Mathematics 202.

401. (a, b, c). SPECIAL TOPICS IN PHYSICS. Advanced theoretical or

experimental physics. This course is planned to serve as a background for synthetic thinking in the student's field of concentration. Prerequisites: Twenty hours' credit in physics. (a) one hour. (b) two hours. (c) three hours.

402. (a, b, c). SPECIAL TOPICS IN PHYSICS. A continuation of Physics 401. Second semester. Hours to be arranged (a) one hour. (b) Two hours. (c) Three hours.

434. TEACHING OF SCIENCE. See Education 434. Two hours.

PHYSICAL EDUCATION

GLENN E. ROBINSON, Professor, Director of Physical Education,
and Director of Athletics, Head

ROBERT G. WOLL, Associate Professor

CHARLES LARSON, Assistant Professor

KENNETH C. GOULD, Instructor

CAROL WIDULE, Instructor

BERNADINE MINGS, Instructor

ARCHIE HARRIS, Instructor

The Physical Education Department aims to provide opportunities for students to grow in an environment that is physically stimulating; socially, emotionally and morally beneficial. This is accomplished by providing activities for every interest and all ranges of ability to satisfy recreational needs both now and for the future under competent guidance.

The curriculum in Physical Education for both Men and Women is designed to prepare students for teaching physical education, health, safety, coaching athletics and intramural sports, and directing recreational activities.

The field of concentration in physical education consists of:

- (a) A departmental unit of at least 24 hours including course 455.
- (b) Courses totaling at least 16 hours in biology, consisting of Biology 111-112. Sufficient hours in education and psychology to satisfy state requirements for teachers of physical education. These courses include Education 201, 232, 311, 314, and 401.
- (c) Related courses totaling at least 16 hours chosen from one or two subjects which the student is preparing to teach, after consultation with the adviser. (See material presented under Education Department for additional information.)
- (d) Majors in physical education are required to enroll in eight (8) semesters of service classes numbered 100.
- (e) A minor in the field of Physical Education must complete 16 hours including P. E. 305-306.

INTERCOLLEGIATE ATHLETICS

Intercollegiate competition is carried on in football, basketball, track, swimming, golf, tennis, baseball, cross-country and wrestling.

COLLEGE REQUIREMENT

Physical Education (in courses numbered 100-109) is required of all freshmen and sophomores. Individual exemptions from this requirement for a semester at a time will be made upon recommendation of a physician or by action of the curriculum committee. Application for such exemption must be made with the Dean of the College at the beginning of each semester. Passing a swimming test is a college graduation requirement of all students.

Freshman and sophomore men engaging in athletic competition must register for Physical Education and must attend class except for the time they are members of a team.

A maximum of four semester hours of credit in Physical Education courses 100-195 will be counted towards graduation.

COURSES IN HEALTH AND PHYSICAL EDUCATION

*P. E. 205. PRINCIPLES OF PHYSICAL EDUCATION. A course in the basic fundamentals of physical education. It is primarily indoctrination for students intending to go into the field of physical education and acquaints them with the problems of the field as well as with the philosophy, aims and objectives of physical education. Open to both men and women. First semester. Two hours.

P. E. 210. PERSONAL HYGIENE. A basic course in the study of personal hygiene and health with special emphasis on development of sound physical and mental health. Prerequisite: Biology 111 or special consent, and sophomore standing. Open to both men and women. Two hours.

P. E. 211. PHYSIOLOGICAL ANATOMY. Human anatomy and physiology of the skeletal and muscular systems with special reference to problems likely to arise in the field of physical education. Prerequisite: Biology 111-112, 104. Open to both men and women. Four hours. To be offered 1956-1957 and alternate years. First semester.

P. E. 220. LEADERSHIP IN PLAY AND RECREATION. A study of the methods of teaching physical education in elementary grades with special emphasis on program content. Open to both men and women. Prerequisite: 205. Two hours.

P. E. 305, 306. ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION IN THE SECONDARY SCHOOLS. The philosophy of physical education, organization and planning of a program of physical education for the high school. For teachers, supervisors and administrators of physical education and athletics in the public schools. Open to both men and women. Both semesters. Prerequisites: junior or senior standing. Three hours each semester.

P. E. 309. CORRECTIVE PHYSICAL EDUCATION. This course deals with posture deviations, study of the human body in respect to injuries most likely to occur in physical education classes and interscholastic athletics. Analysis and practice of body mechanics, corrective exercise and posture training will be considered in this course. It is a practical course and will be essential as background to Health Education 455. Open to juniors and seniors with a prerequisite of Physical Education 211. One semester only. Three hours' credit.

P. E. 455. METHODS AND CURRICULUM OF HEALTH EDUCATION. This course is for all those responsible in any way for health instruction in the

public school. Special consideration is given to the selection of material and methods of instruction in establishing primary health habits. Emphasis will be given to the drawing up a course of study which will be in line with the Illinois Health and Physical Education law. Prerequisite: junior standing. Second semester only. Two hours.

**P. E. M. 206. ANALYSIS OF TEACHING RECREATIONAL SPORTS. Theory and practice in performing team sports such as: touch football, softball, volleyball, soccer, bowling, to be taught in physical education classes. Open to freshmen and sophomore men who intend to major in physical education. Second semester. Two hours.

P. E. 300. TESTS AND MEASUREMENTS IN HEALTH AND PHYSICAL EDUCATION. An introduction to the measurement of capacities and abilities in health and physical education with emphasis on organization, administration and the statistical treatment of data. Instruction to be divided between class work and laboratory practice. Open to juniors and seniors. Alternate years beginning 1955-56. Four hours per week. Three hours' credit.

P. E. M. 301, 302. METHODS OF COACHING AND MANAGEMENT OF INTERSCHOLASTIC SPORTS. Lectures and demonstrations in the fundamentals of football, basketball, baseball, track and wrestling. Management of athletics is also discussed. The course is intended to aid students who intend to coach in high schools. Emphasis will be placed on team play in interscholastic sport. Open to both junior and senior men. Both semesters. Three hours each semester.

P. E. M. 303, 304. METHODS, THEORY, AND PRACTICE OF PHYSICAL EDUCATION. The fundamentals of individual activities as carried on in a class of physical education. Formulation of an intramural program will receive emphasis. Those planning to be teachers of physical education should take this course. Practice teaching to meet the requirements as set by the State of Illinois will be arranged. Both semesters. Two hours.

***P. E. W. 202. THEORY OF DANCE. A course in methods and techniques of dance with special emphasis upon modern dance. This course is open to any student but required for women majors. Prerequisite: Beginning Modern Dance. One semester only. Two hours.

***P. E. 301. ANALYSIS OF TEACHING SPORTS TECHNIQUES. A study of analyzing swimming strokes, and diving and the techniques of individual activities including tennis, golf, badminton, archery, bowling, tumbling, and equitation, and some practice in teaching these activities. Open to juniors and senior women. Three hours.

***P. E. W. 454. METHODS OF TEACHING PHYSICAL EDUCATION ACTIVITIES. Principles and techniques of teaching and a study of teaching progressions for various activities with major emphasis on team sports. Officiating and practice teaching. Open to junior and senior women. Three hours.

* P. E. Physical Education Classes open to both men and women.

** P. E. M. Physical Education Classes open to men only.

*** P. E. W. Physical Education Classes open to women only.

SERVICE CLASSES IN PHYSICAL EDUCATION

These classes are designed to meet the college requirement in Physical Education. Instruction is given in fundamental skills, techniques, and participation in individual sports and team games. Classes meet two times per

week for one hour credit. A maximum of four semester hours in these courses will be counted toward graduation.

COURSES FOR MEN

- P. E. M. 100. FRESHMAN FOOTBALL.
- P. E. M. 101. SOPHOMORE FOOTBALL.
- P. E. M. 102. FRESHMAN BASKETBALL.
- P. E. M. 103. SOPHOMORE BASKETBALL.
- P. E. M. 104. FRESHMAN TRACK.
- P. E. M. 105. TOUCH FOOTBALL AND VOLLEYBALL.
- P. E. M. 106. BASKETBALL AND SOFTBALL.
- P. E. M. 107. SOPHOMORE TRACK
- P. E. M. 108. ACHERY AND HANDBALL.
- P. E. M. 109. WRESTLING AND BOXING.
- P. E. M. 110. SOCCER AND BADMINTON.
- P. E. M. 111. TUMRLING AND GYMNASTICS.
- P. E. M. 112. VOLLEYBALL AND HANDBALL.
- P. E. M. 113. FRESHMAN SWIMMING.
- P. E. M. 114. SOPHOMORE SWIMMING.
- P. E. M. 115. BEGINNING GOLF.
- P. E. M. 116. FRESHMAN BASEBALL.
- P. E. M. 117. SOPHOMORE BASEBALL.
- P. E. M. 118. VOLLEYBALL AND BASKETBALL.
- P. E. M. 119. HANDBALL AND GOLF.
- P. E. M. 120. BEGINNING TENNIS.
- P. E. M. 121. FRESHMAN CROSS COUNTRY.
- P. E. M. 122. SOPHOMORE CROSS COUNTRY.
- P. E. M. 123. FRESHMAN WRESTLING.
- P. E. M. 124. SOPHOMORE WRESTLING.
- P. E. M. 130. BEGINNING SWIMMING.
- P. E. M. 131. VOLLEYBALL AND INDIVIDUAL ATHLETICS.
- P. E. M. 145. INTERMEDIATE SWIMMING.
- P. E. M. 150. ADVANCED SWIMMING.

COURSES FOR WOMEN

- P. E. W. 103. VOLLEYBALL AND SPEEDBALL.
- P. E. W. 105. FIELD HOCKEY AND VOLLEYBALL.
- P. E. W. 106. BASKETBALL AND SOFTBALL.
- P. E. W. 107. BADMINTON AND ARCHERY.
- P. E. W. 108. VOLLEYBALL AND GOLF.
- P. E. W. 109. FOLK AND TAP DANCE.
- P. E. W. 110. MODERN DANCE.
- P. E. W. 111. BADMINTON AND GOLF.
- P. E. W. 112. MOTOR FITNESS.
- P. E. W. 114. BEGINNING TENNIS.
- P. E. W. 115. BASKETBALL AND INDIVIDUAL ATHLETICS.
- P. E. W. 116. SPEEDBALL AND GYMNASTICS.
- P. E. W. 118. GOLF AND MOTOR FITNESS.
- P. E. W. 120. BEGINNING GOLF.
- P. E. W. 130. BEGINNING SWIMMING.
- P. E. W. 132. INTERMEDIATE SWIMMING.
- P. E. W. 154. ADVANCED SWIMMING.
- P. E. W. 192. ADVANCED MODERN DANCE.

COURSES FOR MEN AND WOMMEN

- P. E. 117. SQUARE DANCE AND GOLF.

- P. E. 125. BOWLING.
- P. E. 160. ADVANCED GOLF.
- P. E. 165. LIFE SAVING.
- P. E. 170. ADVANCED BOWLING.
- P. E. 190. ADVANCED TENNIS

P. E. 181. BASIC RIFLE MARKSMANSHIP. Theory and practice of safe and accurate rifle firing adapted from the National Rifle Association's basic courses. Consists of lectures, practice in firing and coaching on the fifty-foot gallery range, and written and firing tests as prescribed by the association. One lecture and one firing period each week for eight weeks. Prerequisite: two semesters of Physical Education in group 100. First semester. One hour.

P. E. 182. ADVANCED RIFLE MARKSMANSHIP. Shooting for advanced civilian and college NRA recognitions, varsity postal and shoulder-to-shoulder competition, college championship. Prerequisite: Physical Education 181 Second semester. One hour.

- P. E. 199. WATER SAFETY INSTRUCTOR'S COURSE.

PSYCHOLOGY

HAROLD J. RALSTON, Professor, Head
with the assistance of

PROFESSOR ALBERT NICHOLAS, Department of Education

PROFESSOR FRANK W. PHILLIPS, Department of Education

The field of concentration in psychology consists of:

- (a) A departmental unit of at least 24 hours in psychology including 101 and 221. Six hours in Sociology may be included in the departmental unit.
- (b) Related courses totaling at least 16 hours, chosen from one or two fields with the approval of the adviser.

101. LOGIC. (For description see Philosophy 101.) Two hours.

231. GENERAL PSYCHOLOGY. An introductory study of the fundamental types of human experience and behavior. Open to sophomores, juniors, and seniors. First semester. Three hours.

224. PSYCHOLOGY OF PERSONALITY. A study of the basic processes of adjustment with special attention to their use in the various fields of human activity. Prerequisite: Psychology 221. Second semester. Three hours.

232. EDUCATIONAL PSYCHOLOGY. For a description of this course see Education 232. Three hours.

323. ABNORMAL PSYCHOLOGY. A study of personality disorders and maladjustments. Prerequisite: Psychology 224. First semester. Two hours.

324. SOCIAL PSYCHOLOGY. Relations of personality to society and culture with special attention to the psychological aspects of human conflicts and mass behavior. Prerequisite: Psychology 224. Second semester. Two hours.

331. CHILD PSYCHOLOGY. For a description of this course see Educa-

tion 331. Prerequisite: Psychology 232. First semester. Three hours.

332. ADOLESCENT PSYCHOLOGY. For a description of this course see Education 332. Prerequisite: Psychology 221 or 232. First semester. Three hours.

335. MEASUREMENT AND GUIDANCE. For a description of this course see Education 335. Second semester. Three hours.

342. JUNIOR INDEPENDENT STUDY. Directed individual study on selected topics supplementing announced courses; weekly written reports and conferences. Prerequisite: Junior standing and consent of the instructor. Two hours.

423, 424. SENIOR INDEPENDENT STUDY. Continuation of independent study on selected topics, preferably growing out of Psychology 342. Weekly written reports and conferences. Intended for students majoring in Psychology. Three hours per semester.

SOCIOLOGY

MADGE STEWART SANMANN, Professor, Head

The field of concentration in sociology consists of:

- (a) Twenty-four hours of work in sociology and allied subjects. This must include eighteen hours of work in courses listed in this department and six hours chosen from the following: Political Science 201, or History 351, and Economics 201 or Home Economics 302.
- (b) Sixteen hours in one or two departments approved by the student's adviser. Sixteen of the thirty-six hours included in the field of concentration must be upper division.

300. SOCIETIES AROUND THE WORLD. A comprehensive systematic study of the chief types of societies, ranging from the primitive to the industrial, in the major habitats of the world. One society will be compared with another as a whole and as to the essential characteristics of society in general in terms of the origin of the people, their physical environment, economic system, government, religion, family life, social organization, structure, process, ideology, and socio-cultural change. First semester. Three hours. Offered 1957-1958.

301. INTRODUCTION TO SOCIOLOGY. A brief study of human society, its composition, group behavior, social institutions, and the development of social ideals. Prerequisite: two years of college work or special consent. First semester. Three hours.

302. SOCIAL PROBLEMS. A study of contemporary social problems. Attention is given to the conditions and forms of behavior which harm the individual and society. Some consideration is given to plans for amelioration of adverse conditions. Text, library reading, and special reports. Prerequisite: Sociology 301 or special consent. Second semester. Three hours.

304A. RURAL URBAN SOCIETY. Consideration of the divergent culture patterns of rural and urban life. An analysis of the differences that characterize the major social institutions. The church, school, leisure, industry and home; consideration of modern trends molding the social life of both city and country. Prerequisite: Sociology 301 or consent. Three hours.

304B. SOCIOLOGY OF THE COMMUNITY. A study of the pattern of various types of communities; their characteristics, group relations and social institutions (home, school, church, government, health, wealth, leisure); and modern trends molding the social life of city and country. First semester. Three hours.

305A. POPULATION AND RACE IN TRANSITION IN THE UNITED STATES. A study of the composition, distribution, movements and cultural patterns of population and ethnic groups in various regions of the United States. Attention is given to problems and trends of population and race in the present day. First semester. Three hours. Offered 1958-1959.

306. THE FAMILY. A study of family forms and functions with emphasis upon the social and economic changes which are affecting modern American family life. Open to juniors and seniors. Both semesters. Three hours.

308. INTRODUCTION TO SOCIAL WORK. A survey of the fields and methods of social work. Prerequisite: Sociology 301, 302 or instructor's consent. Second semester. Two hours. Offered 1958-1959.

310. CRIME AND DELINQUENCY. A study of the nature and causes of crime with special attention given to the social and personal factors leading to delinquency. A review of the theories of punishment, and an evaluation of the programs of prevention and cure. Prerequisite: Sociology 301 or special consent. Second semester. Three hours.

312. RACIAL TENSIONS AND CULTURAL CONFLICTS. A survey of race and culture conflicts in contemporary civilization; theories of race and culture; relations between racial and culture groups are studied with respect to specific situations in strategic areas of the world. the status of racial, religious and ethnic minorities in the United States is considered with emphasis upon programs of organizations and social movements designed to improve inter-group relations. Prerequisite: Sociology 301 or consent. Second semester. Three hours.

316. FAMILY LIVING. An exploration of the major problem areas in marital adjustment with emphasis on insight in meeting these situations. Prerequisite: Sociology 306. Second semester. Three hours Offered 1957-58.

324. SOCIAL PSYCHOLOGY. For description see Psychology 324. Two hours.

328. ABNORMAL PSYCHOLOGY. See Psychology 323. Two hours.

352. LABOR PROBLEMS. For description see Economics 352. Three hours.

401. SEMINAR. Reading assignments designed to give a background in the historical development, contemporary survey, and techniques and procedures of research in the field of Sociology. Prerequisite: Senior major standing or consent of instructor. First semester. Two hours.

402. SEMINAR. Reading assignments designed to give a background in research problems on subject of interest to the student. Prerequisite: Senior major standing or consent of instructor. Second semester. Two hours.

404. STUDIES IN AMERICAN CIVILIZATION. An integrated historical, social, and cultural interpretation of life, thought and institutions in the United States from 1870 to the present. Conducted on seminar plan. Prerequisite: Sociology 301, or Philosophy 307, or English 204, or History 351, and permission of instructor. First semester. Three hours.

SPEECH

JEAN LIEDMAN, Professor, Head

JACK MILLS, Assistant Professor

PARKER ZEELERS, Instructor

The field of concentration in speech consists of:

- (a) A departmental unit of at least 24 hours in addition to the freshman requirements including courses 210, 221, 314, 303, and 341.
- (b) Related courses totaling at least 16 hours, chosen from one or two related fields with the approval of the adviser.
- (c) Performance in dramatic production and/or intercollegiate forensics.

The beginning work in speech is offered on three levels as indicated in the courses outlined. Students will be enrolled in one of the courses which best serves their individual needs. Those enrolled in one of the three fundamental courses are required to have a voice recording made at the beginning and at the close of the semester.

101. FUNDAMENTALS OF SPEECH. For those students with no particular difficulties of speech but who have had no previous courses in the field. Designed to acquaint the student with the terminology of the subject, and to develop ease through coordinated bodily action and correct conversational speech. Reading from the printed page, and short original talks. Both semesters. Two hours.

102. EXTEMPORE SPEAKING. For those students with special aptitude in speech or those who have had a year or more of high school speech. Elected the second semester by those who take 101 in the first semester. A course in practical platform speaking with special emphasis on the material content and speech organization. Delivery of speeches of information and persuasion. Both semesters. Two hours.

104. SPEECH CORRECTION. For students needing minor corrective work. Designed to improve faults of breathing, articulation, pronunciation, unpleasant pitch and quality of voice, and to increase the poise of students suffering from excessive timidity. Analysis of individual problems and assignment of special work for remedial purpose. Substituted for course 101 upon advice of the instructor. First semester and second semester. Two hours.

204. RADIO SPEECH. A course in the basic principles of radio speaking, designed to acquaint the student with script writing and announcing. Rehearsals and practice in interviews, talks, panel discussions, dramatic sketches, and stories are included. Class work will be supplemented by the public address system, recording machine and occasional broadcasts over neighboring radio stations. Prerequisite: Speech 102. Second semester. Three hours.

206. ADVANCED PUBLIC SPEAKING. The course is divided into three units: 1. A consideration of the psychology of influencing human conduct by means of the spoken word; 2. The study and delivery of speeches for special occasions—introductions, presentations, acceptances, welcomes, and various types of short speeches; 3. Practice in the application of the principles of parliamentary law. Prerequisite: Speech 102. Second semester. Two hours.

215. DEBATE SEMINAR. Open only to those who have won a place on the intercollegiate debate squad. One hour.

221. INTERPRETIVE READING. (VOICE AND DICTION). Mechanics of oral reading; voice production; pronunciation; articulation; phrasing; emphasis; correct use of the elements of voice. Prerequisite: one semester of college speech. First semester. Two hours.

222. INTERPRETIVE READING. A continuation of 221 with more emphasis upon creative power. Development of vocal energy and the practical working out of the theory of vocal quality, pitch and time. Oral reading of various types of English literature. Prerequisite: Speech 221. Second semester. Two hours.

303. DISCUSSION AND DEBATE. The theory of argumentation and the application of that theory in various forms of discussion and debate. A study of evidence, reasoning, fallacies, briefing. Directed discussions, symposiums, committee hearings, panel discussions and team debating. Prerequisite: Speech 102. First semester. Three hours. (Not offered in 1957-58).

304. HISTORY OF RHETORIC AND ORATORY. A survey of the development of oratory and rhetorical theory from ancient Greece to the present. The important contributions of Greece, Rome, England, and the United States to the theory and practice of public speaking. Analysis of the technique of oral composition necessary for the study and appreciation of speeches. Examination of models of speech composition. Prerequisite: Speech 102. Second semester. Three hours. (Not offered in 1957-58.)

315. ORATION SEMINAR. Open only to those who have won a place on the intercollegiate forensic squad.

321. ADVANCED INTERPRETIVE READING. A course designed to develop skill in the technique of reading, in creative imagination, and in the expression of emotional power. Advanced and difficult materials will be used from the field of literature. Prerequisite: Speech 221 and 222. First semester. Two hours.

341. INTRODUCTION TO PHONETICS. The study of the production and representation of speech sounds. Practice in the use of phonetic transcription with emphasis toward speech re-education. First semester. Three hours. (Not offered in 1958-1959).

351. SPEECH DISORDERS. A study of the disorders in speech, with emphasis upon articulatory and voice defects. Attention given to diagnosis and suggested therapy. Prerequisites: Psychology 221. Three hours.

352. SPEECH DISORDERS. A continuation of Speech 351 with emphasis upon physiological and structural causes. Three hours.

403. SEMINAR. Independent study in the fields of public address, theatre arts, and speech science. Registration by permission of speech staff. First semester. Three hours.

442. THE TEACHING OF SPEECH. Designed for those who expect to teach speech. A review of the fundamentals of speech with emphasis on methods of teaching them. Special attention will be given to the directing of co-curricular activities such as debating, dramatics, and oral reading. The class will review and evaluate speech texts and study current speech publications. Open only to juniors and seniors. Second semester. Two hours. (Not offered in 1958-59).

THEATRE ARTS

136. **DRAMATICS.** A laboratory course in acting and stagecraft. Production shall consist of one long play and (or) a series of one-act plays directed by the faculty director or by students in Dramatics 445 under the supervision of the faculty director. Students are eligible in the second semester of the freshman year or in any succeeding semester. No credit is given for this course but if the student does satisfactory work he may then become a member of Crimson Masque (dramatic club) and register for a course in Dramatics. Registration for Dramatics 136 is made in the department of Speech.

210. **INTRODUCTION TO THEATRE ARTS.** This course is designed to introduce the student to the world of the theatre, to the people who inhabit it, and to the principles and methods that guide its operation. It is planned for the beginner, whether he be contemplating a theatrical career or just interested in theatre practice. It will expose him to the theatre's rich heritage, to the theories and procedures of stagecraft, lighting, costuming, make-up, acting, directing, and dramatic construction. This course must be taken before a student can take any other courses in Theatre Arts except by special permission from instructor. First semester. Two hours.

224. **ACTING.** This course is designed to acquaint the student with the fundamentals of acting as an art of self-expression. Beginning with a brief consideration of the history and theories of acting, students then proceed to a lecture-laboratory method of adapting techniques. Performance in the one-act play program and acting out scenes from great plays will provide opportunities for practical application of techniques. Second semester. Two hours.

235, 236. **DRAMATICS.** Open to students who have satisfactorily passed the probationary requirements of course 136 and others who may be admitted after try-outs at the beginning of the college year. Participation in the production of plays for public performance. Acting of various roles; work on stage, property, lighting and make-up crews. One-half hour of credit each semester.

335, 336. **DRAMATICS.** A continuation of Dramatics 236. Students are placed in more responsible positions on crews, act more difficult roles according to ability, and are eligible for offices in the dramatic club. One-half hour of credit each semester.

435, 436. **DRAMATICS.** A continuation of Dramatics 336. One-half hour credit each semester.

311. **HISTORY OF THE THEATRE.** A study of the development of theatre and drama from ancient Athens to modern Broadway. The important contribution of every nation to play-writing, acting, and methods of production. Analysis of the technique of dramatic structure necessary for the study and appreciation of plays. Text book and reading of representative important plays of each period. Open only to juniors and seniors, and to sophomores by permission. First semester. Three hours.

313. **STAGECRAFT.** A consideration of the visual elements of play production; the theories of scene design; the building and painting of scenery and properties; problems in costuming; the study of make-up; stage lighting. Practical workshop experience and assignments to various stage crews. Classroom credit two hours; laboratory credit one hour. First semester. Three hours.

314. **PLAY PRODUCTION.** The primary aim of this course is to prepare students to direct plays. A study of the problems of the director, organization and duties of the production staff, analysis of dramatic structure, elements of acting, and the preparation of a director's manuscript. (The plays worked out in this course are produced in the laboratory course 136). Qualified directors must have satisfactorily completed the supplementary course 313 and 314. Textbooks and the outside reading of plays. Second semester. Three hours.

445. **PLAY DIRECTING.** Open to members of the dramatic club (Crimson Masque) who have satisfactorily completed Play Production 314. Each student will prepare a director's manuscript of at least one one-act play and will produce the play either as a laboratory (work shop) performance or for the public (Whether or not the plays are public will depend upon the program of the season as outlined by the program committee of the dramatic club.) In general, student-directors will work with freshmen and new members of the dramatic club in the second semester of the college year. One hour of credit for that semester in which a play is directed. The course may be repeated for credit. Prerequisite: course 314.

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ADDITIONAL COURSES IN HOME ECONOMICS

372. **CONSUMER PROBLEMS AND HOME MANAGEMENT.** Includes financial and managerial problems of the modern home. A study of needs and practices of the consumer in relation to homemaking problems in the fields of foods, clothing, textiles, furnishings, and household equipment. Prerequisite: Home Economics 371. Second semester. Two hours.

421. **SEMINAR.** Individual problems and advanced techniques under the guidance of the staff. Required of all majors in Home Economics. First semester. Two hours.

COMMENCEMENT HONORS AND DEGREES CONFERRED

HONORARY DEGREES

JUNE 4, 1956

DOCTOR OF DIVINITY

Rev. Robert H. Kempes

Rev. Jennings B. Reid

DOCTOR OF LAWS

Lyman B. Sutter

W. McClean Work

DOCTOR OF HUMANE LETTERS

Bishop G. Bromley Oxnam

GRADUATING CLASS

HONORS SUMMA CUM LAUDE

Sally Louise Smith

Ann Louise Nicholas Johnson

HONORS MAGNA CUM LAUDE

Roger Ward Rasmusen

Gerald Albert Marxman

Joyce Ellen Waller

HONORS CUM LAUDE

Clare Adelaide Gemrich

Bonnie Jean Fetzner

Earl Charles Chatfield, Jr.

Carolyn Jeanne Copeland

James Carleton Smith

Ruth Irene Goss

Faith Gloria Enke

Marcelyn Jean Clements

Thomas Bard McMullen

Donald Stuart Galitz

BACHELOR OF ARTS

Norman Frederick Anderson
 Shirley Mae Batten
 Ronald Harvey Beale
 Dorothy Joan Beaver
 Evard P. Best, Jr.
 John Richard Birdsall
 Sarah Wraight Black
 Margaret Hollingsworth Blanchard
 Robert Stewart Brasmer
 Donald Arthur Buchanan
 Janet Blanche Campbell
 Earl Charles Chatfield, Jr.
 Marcelyn Jean Clements
 Dolores Lucille Cole
 Carolyn Jeanne Copeland
 Dennis Deward Coso
 Barbara Ann Crank
 Roger James DeDera
 Douglas Dartt Dittmar
 Joanne Doty
 Martha Jean Dugan
 Dean Ernest Edwards
 James Nichols Effland
 Janice Marie Ebbree
 Faith Gloria Enke
 Bonnie Jean Fetzner
 Carolyn Jean Fifield
 Jane Louise Frederick
 George Ralph Friese
 Martha Jane Gadske
 Donald Stuart Galitz
 Clare Adelaide Gemrich
 Ruth Irene Goss
 Nora Lee Hackmann
 Robert Elliott Harvey
 Robert Wesley Hemwall
 Sally Ward Hickerson
 Ruth Dorothy Hill
 Stephen Eugene Holmes
 Walter Scott Huff, Jr.
 Joyce Marilyn Hughes
 Constance Louisa Ireys
 Maralyn Joyce Irvine
 Ann Louise Nicholas Johnson
 John Allan Johnson
 Rogers William Kingdon
 Sarah Louise Kniss
 Ronald James Lindsay
 Kenneth David Lister
 Marlin Ernest Lowe
 Jack Earl McBride

Gerald Albert Marxman
 Sara Jane Mears
 Earl Sutherland Menns
 Thomas Thorne Michaelsen
 Margery Joan Miller
 Maude Elizabeth King Mooney
 Marjorie Ann Morrissey
 William Donald Muir
 Danna Joan Nelson
 Edith Miriam Nichols
 Frances Carma Nicoll
 Darlene Frances Ohlinger
 William Lee Perrin
 Ralph Gowdy Ranney
 Roger Ward Rasmussen
 Paul Dean Ray
 Eleanor McCall Read
 John Arnold Read
 Aleece Marilyn Reifinger
 Louis Paul Richard
 Richard George Riedel
 Mary Olive Riley
 Clarice Virgene Sands
 Harold Asa Sanford, Jr.
 Richard Earl Schryver
 Ray Allen Schwind
 Michio Shimada
 Jay Starr Silhanek
 David Winter Simon
 Frank Gerald Smetana
 Muriel Kay Smith
 Sally Louise Smith
 Roberta June Steiner
 Larry Stanley Sterett
 Sara Anne Strong
 John Albert Sward
 George Elwyn Thompson
 Roberta Grace Thompson
 Marlene Ann Thoms
 Nanette Fay Thrift
 Donald Dean Travis
 Donald Duane Turner
 Roger Lee Tuttle
 Shozaburo Uehara
 Betty Jean Utter
 Nancy Eleanor Venn
 Robert Edwin Vigal
 Joyce Ellen Waller
 Ronald Kennison Williams
 Barrett Durrell Young
 Janice Eileen Youngquist

BACHELOR OF SCIENCE

Charles Edward Corrigan
 Thomas Joseph Johanson
 Thomas Bard McMullen
 Dean E. Masterson

Donald LeRoy Patterson
 James Robert Rohlfis
 James Carleton Smith
 Ronald James Uhle

CANDIDATES FOR HONORS AND DEGREES

JUNE 10, 1957

BACHELOR OF ARTS

Charles Phillip Ackman
Robert Bolling Adams
John Richard Alden
Albert Ameen, Jr.
Kay Briggs Bagge
Dorothy Joan Barrett
John Karl Baumann
Charles Chordas Benbow
Valerie Ann Bergold
Harold Quentin Bodeen
Gerald Allen Boelke
Betty Alyce Bollin
James Spencer Bondurant
Bruce Marion Brawdy
Ira Mae Brooks
Curtis James Brown
Donna Joan Bruington
Marybeth Buland
Delbert Dean Bush
Eugene S. Callaway, Jr.
Robert Paul Carlson
Viola Louise Chestnut
William Christian Christensen, Jr.
Nancy Ann Clark
Phyllis Joy Comba
Charles Edgar Courtney, Jr.
Richard Alan Cozine
James Allen Cummings
Ronald Gary Dean
Donald Davis Diekelman
Ruth Marie Dietrich
Janet Carolyn Dillon
Alma Genevieve Doty
William Hubert Doty
Walter John Droppa
William Rogers Durham
John Ekizian
Rhoda Ramona Engel
Roger Lee Fitzpatrick
Larry Philip Flanders
David Allen Frey
Ralph Jay Frisbie
Richard Kenneth Fuller
Glenn L. Fulton

Donald Lyle Gilles, Jr.
Peter James Gineris
William Humphrey Greene
Walter Lee Grose
Dwain Dennis Guelle
Donald William Hankins
Ellis N. Harter
Charles D. Hartmann
Louette Ann Hartmann
John Morton Hartmire
Walter Jerome Hatch
William Hugh Hawley
Mary Fauneil Hemwall
Robert Kilton Hick
Fred Rollins Hill
Joyce Marie Hinch
Irwin Lee Hoogheem
Sara Mary Horner
Coy Dar Houston
Constance Helena Jefferies
Hlen Seiver Johnson
James Ivan Johnson
Donald Leigh Jones
Charles Max Kampton
Sandra Jean Kelley
Richard Lee Kinnaman
Carl Thomas Lane
Betty Margene Lawler
Robert Eugene Lindsay
John Moore Lyford
Charles Owen Lyon
Arminta C. Wray McKelvey
Jonn Daniel McLaughlin
Mary Keturah McMackin
Beth Lee McPeck
Gail Lee Machorosky
Jeffrey Mar
Charles Dean Mitchell
Nancy Fair Montgomery
Gertrude Ellen Morrill
Walter Dunlap Morrill
Janet Ann Mundt
Isabelle Nancy Muranyi
Charles R. Nichol

Dennis Eugene Noble
Shirley Ann O'Neal
Richard Frank Orednick
Thomas J. Ores
Arlo Gene Parker
Donna Jean Peters
Nancy Mae Peters
Oliver Roberts Peters
Edward Lloyd Phillips
Thomas Ray Pofahl
Wayne Everett Rader
Barbara Marie Rahn
Shirley Jean Ray
Ronald Robert Reed
Anna Mae Reeves
Elisabeth Katherine Regennitter
Mary Elaine Richards
Robert Hooper Riggle
Robert Edward Risløw
Barbara Ann Rowland
Gregory Andrus Saxum
Barbara Paschke Schryver

Marcia Lou Simpson
Janice D. Singelman
Lloyd Rodgers Smith, Jr.
Robert George Spirakes
Mary Lee Stocks
James Edwin Thomas
Julia Everett Thomas
James Earl Thompson, Jr.
Jo Ella Thornburg
Annette May Thrift
Audrey Eileen Trimble
Margaret Anne Vandervort
Audrey Jean Veit
Margaret Eileen Virco
Mary Alice Virden
Richard John Webb
Jane Kay Weir
Marilyn Joan Whitsitt
Mary Beth Willson
Martin Wincott
John Walter Woods
Martha Mary Woods

BACHELOR OF SCIENCE

William E. Beabout
Erce! D. Davis
Robert Hughes Fletcher
Clement Theodore Futterer
Richard Alan Koontz

Stephen Burdette Lindell
Kent William Pilz
Robert John Richter
DeWayne Russell Sanburg

STUDENTS FOR THE ACADEMIC YEAR SENIORS

1956-1957

Name	Home Address	Major
Ackman, Charles Philip	Marengo, Illinois	Geology
Adams, Robert Bolling	Beardstown, Illinois	Chemistry
Alden, John Richard	Avon, Illinois	Physical Ed.
Bagge, Kay Briggs	Avon, Illinois	Physical Ed.
Barrett, Dorothy Joan	Peoria, Illinois	English
Baumann, John Karl	West Allis, Wisconsin	Bible
Beabout, William Edgar	Vandalia, Illinois	Geology
Benbow, Charles Chordas	Watseka, Illinois	Economics
Bergold, Valerie Ann	Harvey, Illinois	Economics
Bodeen, Harold Quentin	Smithshire, Illinois	Bible
Bollin, Betty Alyce	Dallas City, Illinois	Home Economics
Bondurant, James Spencer	Kirkwood, Missouri	Sociology
Brawdy, Bruce Marion	Albia, Iowa	Bible
Brooks, Ira Mae	Monmouth, Illinois	Biology
Brown, Curtis James	LeClaire, Iowa	Economics
Bruington, Donna Joan	Galesburg, Illinois	Education
Bush, Delbert Dean	Monmouth, Illinois	Physical Ed.
Callaway, Eugene Sylvester, Jr.	Hobart, Indiana	Philosophy
Carlson, Robert Paul	Park Ridge, Illinois	History
Chestnut, Viola Louise	Kirkland, Illinois	Education
Christensen, William Christian, Jr.	Monmouth, Illinois	History
Clark, Nancy Ann	Hinckley, Illinois	Economics
Comba, Phyllis Joy	Princeton, Illinois	Education
Courtney, Charles Edgar, Jr.	Monmouth, Illinois	Philosophy
Cozine, Richard Alan	Medinah, Illinois	Chemistry
Cummings, James Allen	Caledonia, Illinois	Economics
Davis, Erel Dean	Oquawka, Illinois	Geology
Dean, Ronald Gary	Centerville, Iowa	Economics
Diekelman, Donald Davis	Oak Park, Illinois	Spanish
Dietrich, Ruth Marie	Hinsdale, Illinois	Education
Dillon, Janet Carolyn	Oquawka, Illinois	Physical Ed.
Doty, Alma Genevieve	Monmouth, Illinois	Art
Doty, William Hubert	Monmouth, Illinois	Biology
Drees, Richard George	Wauwatosa, Wisconsin	Physical Ed.
Droppa, Walter John	Chicago, Illinois	Physical Ed.
Durham, William Rogers	Mendota, Illinois	Speech
Ekizian, John	Evanston, Illinois	Psychology
Engel, Rhoda Ramona	Shumway, Illinois	Mathematics
Fitzpatrick, Roger Lee	Winnetka, Illinois	Physical Ed.
Flanders, Larry Philip	Saint Ignace, Michigan	English
Fletcher, Robert Hughes	Des Moines, Iowa	Chemistry
Frey, David Allen	Earlville, Illinois	Chemistry
Frisbie, Ralph Jay	Monmouth, Illinois	Physics

Fuller, Richard Kenneth	Wheaton, Illinois	Biology
Fulton, Glenn Lindsay	Sparta, Illinois	Physical Ed.
Futterer, Clement Theodore	Western Springs, Illinois	Chemistry
Gilles, Donald Lyle, Jr.	Pittsburgh, Pennsylvania	Economics
Gillette, Jack Wayne	Monmouth, Illinois	Biology
Gineris, Peter James	Chicago, Illinois	Biology
Greene, William Humphrey	Speer, Illinois	Psychology
Grose, Walter Lee, Jr.	Canton, Illinois	Mathematics
Guelle, Dwain Dennis	Minneapolis, Minnesota	Physical Ed.
Guinan, Robert Patrick	Springfield, Illinois	Geology
Hankins, Donald William	St. Louis, Missouri	Bible
Harter, Ellis Newton	Normal, Illinois	English
Hartmann, Charles Dale	Palatine, Illinois	Economics
Hartmann, Louette Anne	Chicago, Illinois	Home Economics
Hartmire, John Morton	Prairie Village, Kansas	Psychology
Hatch, Walter Jerome	Avon, Illinois	Economics
Hawley, William Hugh	Ottawa, Illinois	Physics
Hemwall, Mary Fauneil	Elmhurst, Illinois	Education
Hick, Robert Kilton	Oak Park, Illinois	Philosophy
Hill, Fred Rollins	Forest Park, Illinois	Chemistry
Hoogheem, Irwin Lee	Galesburg, Illinois	Psychology
Horner, Sara Mary	Monmouth, Illinois	Chemistry
Houston, Coy Dar	North Henderson, Illinois	Bible
Jefferies, Constance Helena	Springfield, Illinois	English
Johnson, James Ivan	Geneseo, Illinois	Physical Ed.
Jones, Donald Leigh	St. Louis, Missouri	Music
Kampton, Charles Max	Chicago, Illinois	Economics
Kelley, Sandra Jean	Marengo, Illinois	English
Koontz, Richard Alan	Chicago, Illinois	Biology
Lane, Carl Thomas	Covina, California	Sociology
Lawler, Betty Margene	Rushville, Illinois	English
Levine, David Wesley	Monmouth, Illinois	Geology
Lindell, Stephen Burdette	Dixon, Illinois	Chemistry
Lindsay, Robert Eugene	Sparta, Illinois	Physical Ed.
Lyford, John Moore	White Bear Lake, Minn.	Bible
Lyon, Charles Owen	Chicago, Illinois	Psychology
McLaughlin, John Daniel	Monmouth, Illinois	Economics
McMackin, Mary Keturah	Chicago, Illinois	Psychology
McPeck, Beth Lee	Stockton, Illinois	Education
Machorosky, Gail Lee	Kewanee, Illinois	English
Mar, Jeffrey	Fresno, California	Chemistry
Mell, Thomas Larry	Kaneville, Illinois	Physics
Mitchell, Charles Dean	Avon, Illinois	Chemistry
Montgomery, Nancy Fair	Monmouth, Illinois	Sociology
Morrill, Gertrude Ellen	Monmouth, Illinois	Biology
Morrill, Walter Dunlap	Monmouth, Illinois	English
Mundt, Janet Ann	Park Ridge, Illinois	English
Muranyi, Isabelle Nancy	Buffalo, New York	Education
Nichol, Charles Robert	Monmouth, Illinois	Speech
O'Neal, Shirley Ann	Chicago, Illinois	Education
Orednick, Richard Frank	Chicago, Illinois	Speech
Ores, Thomas Joseph	Chicago, Illinois	Economics
Parker, Arlo Gene	Nauvoo, Illinois	Economics
Peters, Donna Jean	Washington, Iowa	Education
Peters, Nancy Mae	Harvard, Illinois	Biology
Peters, Oliver Roberts	Monmouth, Illinois	Economics

Phillips, Edward Lloyd	Cuba, Illinois	Physical Ed.
Pilz, Kent William	Wilmette, Illinois	Geology
Pofahl, Thomas Ray	Des Plaines, Illinois	Chemistry
Rader, Wayne Everett	Monmouth, Illinois	Economics
Rahn, Barbara Marie	Mt. Prospect, Illinois	English
Ray, Shirley Jean	Monmouth, Illinois	Home Economics
Reed, Ronald Robert	Ashton, Illinois	Speech
Reeves, Anna Mae	Jennings, Missouri	Education
Regennitter, Elisabeth Katherine	Chicago, Illinois	English
Richards, Mary Elaine	Bloomsburg, Pennsylvania	History
Richter, Robert John	Park Ridge, Illinois	Geology
Riggle, Robert Hooper	Monmouth, Illinois	Psychology
Rislow, Robert Edward	Oak Park, Illinois	Economics
Rowland, Barbara Ann	Glen Ellyn, Illinois	Education
Sanburg, DeWayne Russell	Galesburg, Illinois	Geology
Saxum, Gregory Andrus	Princeton, Illinois	Philosophy
Short, Marolyn June	Des Moines, Iowa	English
Simpson, Marcia Lou	Monmouth, Illinois	English
Singelman, Janice Dolores	Chicago, Illinois	History
Smith, Lloyd Rodgers	Hyannis, Massachusetts	Biology
Stocks, Mary Lee	Monmouth, Illinois	Biology
Thomas, James Edwin	Oak Park, Illinois	Economics
Thompson, James Earl, Jr.	Greensburg, Pennsylvania	Physics
Thornburg, Jo Ella	Monmouth, Illinois	English
Thrift, Annette May	Oak Park, Illinois	Education
Trimble, Audrey Eileen	Kenmore, New York	Sociology
Vandervort, Margaret Anne	Kirkwood, Illinois	Biology
Veit, Audrey Jean	Westchester, Illinois	Sociology
Virco, Margaret Eileen	Springfield, Illinois	Economics
Webb, Richard John	Oak Lawn, Illinois	Physical Ed.
Weir, Jane Kay	Gladstone, Illinois	Education
Whitsitt, Marilyn Joan	Preemption, Illinois	Latin
Willson, Mary Beth	Morning Sun, Iowa	Music
Wincott, Martin	Harrison, New York	Philosophy
Woods, Martha Mary	Park Ridge, Illinois	English

JUNIORS

Name	Home Address	Major
Alanne, Elizabeth Kathryn	Arlington Heights, Illinois	English
Albaugh, David Hinson	Stronghurst, Illinois	Music
Albertson, Nancy Carolyn	Aledo, Illinois	Sociology
Allaman, Larry Lee	Monmouth, Illinois	Chemistry
Ameen, Albert, Jr.	Monmouth, Illinois	Economics
Beaty, Martha Evelyn	Monmouth, Illinois	Education
Berge, Barbara Ann	Park Ridge, Illinois	Speech
Blischke, James Arthur	Skokie, Illinois	English
Brand, Barbara	Roseburg, Oregon	Bible
Brown, David Eugene	Bushnell, Illinois	Chemistry
Brown, Rolland Paul	Kewanee, Illinois	Chemistry
Brumbaugh, Norman D.	Verona, Pennsylvania	Physics
Buland, Marybeth	Earlville, Illinois	Education
Burgess, Diana Godfrey	Lincolnwood, Illinois	Home Economics
Cameron, Lynn Catherine	Evanston, Illinois	English
Classon, Nancy Georgetta	Plano, Illinois	Biology
Cochran, Evelyn Mae	Oquawka, Illinois	Chemistry

Coe, Richard Hale	Peoria, Illinois	Economics
Cradit, Raymond Harry	Des Moines, Iowa	Chemistry
Crank, John Richard	Braymer, Missouri	Economics
Cummins, Kathryn Louise	Altona, Illinois	Education
Davison, Arthur Lee	Stronghurst, Illinois	Physics
Dollinger, Lester Dean	Monmouth, Illinois	Physical Ed.
Duncan, Marilyn Ruth	Salem, Illinois	Spanish
Eckley, John Fanning	Monmouth, Illinois	Geology
Eddy, Jane Cotton	Barrington, Illinois	Biology
Edwards, Carole Ann	Pittsburgh, Pennsylvania	Economics
Evans, Margaret Louise	Joliet, Illinois	English
Fischer, Dean Edward	Alpha, Illinois	History
Fitch, Robert Paul	Bushnell, Illinois	Chemistry
Flanders, Thomas Edward	Walnut, Illinois	Physics
Flick, Margaret Jane	Ottawa, Illinois	Home Economics
Forsythe, Janet Louise	East McKeesport, Penn.	English
Foust, Richard Dean	Monmouth, Illinois	Physics
Fritz, Edward Ackley	Arlington Heights, Illinois	Economics
Gale, Robert Lester	Monmouth, Illinois	Chemistry
Gibb, Leonard Louis	Rockford, Illinois	Psychology
Gingrich, Susan Jane	Webster Groves, Missouri	Education
Graham, Donald Arthur	Rock Island, Illinois	Geology
Heaton, Margery Bernice	Toulon, Illinois	Education
Hedenberg, Norman August	Park Ridge, Illinois	Physics
Hinch, Joyce Marie	Chicago, Illinois	Education
Irey, Anne Burgett	Monmouth, Illinois	Education
Jacobs, Warren Alfred	Cedar Rapids, Iowa	Economics
Jaeger, Donna	Lombard, Illinois	Sociology
Jamieson, George Wayne	Phoenix, Arizona	Economics
Jobusch, Linde Ann	Aledo, Illinois	Music
Johnson, Perry Wayne	Peoria, Illinois	History
Jones, Dorothea Ellen	St. Louis, Missouri	Education
Kemp, Merle Lynn	Prophetstown, Illinois	Physics
Kempin, Philip Ray	Kewanee, Illinois	Psychology
Kettering, Phyllis Ann Lanphere	Monmouth, Illinois	Latin
Kinnaman, Richard Lee	Park Ridge, Illinois	History
Larson, Janice Helen	Kewanee, Illinois	Education
Lewis, Thomas Scott	Brooklyn, Illinois	Geology
Light, Kathryn Patricia	Springfield, Illinois	Biology
Lindsay, Mary Joan	Coulterville, Illinois	Biology
Little, Richard Leroy	Evanston, Illinois	Economics
McAfee, William Small	Denver, Colorado	Physics
McAllister, Bonnita Louise	Waterman, Illinois	English
McBride, Donald Howard	Monmouth, Illinois	Economics
McBride, Gerald William	Monmouth, Illinois	Physical Ed.
McGinnis, Sara Anne	Ainsworth, Iowa	Biology
McKee, Robert Eugene	Monmouth, Illinois	Geology
McLoskey, Robert Dickson	Monmouth, Illinois	Physics
McPherren, Roscoe George	Quincy, Illinois	History
Magnuson, Virgil Eugene	Monmouth, Illinois	Chemistry
Mason, Sandra Ann	Chicago, Illinois	Physical Ed.
Miller, Marsha Jean	Chicago, Illinois	English
Miller, Zoe Arlene	Earlville, Illinois	Latin
Millikan, Larry Edward	Libertyville, Illinois	Biology
Mlady, Richard Henry	Riverside, Illinois	History
Moffatt, James Byron	Chicago, Illinois	History

Moon, Daniel Lee	Colchester, Illinois	Chemistry
Moore, Cheryl Lou	Aurora, Illinois	English
Moore, Larry Dean	Marion, Illinois	Biology
Morrison, Theodore Eldred	Quincy, Illinois	Economics
Niblock, John Sterner	Homewood, Illinois	Speech
Nicoll, Marjorie Gail	Elmhurst, Illinois	Physical Ed.
Nissen, Gail Urvie	Chicago, Illinois	Spanish
O'Donnell, Christine Joan	Chicago, Illinois	Economics
Olson, Marvin Lawrence	Monmouth, Illinois	Physics
Orser, Stuart Malin	Mayville, New York	Government
Paul, James Eugene	Gilman, Iowa	Chemistry
Pearson, Loring John	Chicago, Illinois	Economics
Perry, Edward Franklin	Dixon, Illinois	Economics
Peters, Richard Wellington	Monmouth, Illinois	Philosophy
Pioch, Albert Andrew	Elmhurst, Illinois	Economics
Platt, Sally Ann	Monmouth, Illinois	History
Ramsdale, Joseph Clifford	LeClaire, Iowa	Physics
Reed, Judith Lynne	Moline, Illinois	English
Reiter, Richard Charles	Des Plaines, Illinois	Chemistry
Rilott, James Hubert	Manteno, Illinois	Physics
Robbins, Edith Mary	Amboy, Illinois	Education
Rosenbalm, Jerry Leonard	Monmouth, Illinois	Economics
Sanders, Harold Darwin	Earlville, Illinois	Economics
Sawyer, Ruth Pearre	Joliet, Illinois	Home Economics
Schmidt, Jack William	Homewood, Illinois	Economics
Schweibert, David Terry	Monmouth, Illinois	Economics
Smith, Allan Wayne	Earlville, Illinois	Physics
Smith, Daniel Ray	Chicago, Illinois	Speech
Smith, Patsy Ann	St. Louis, Missouri	Economics
Smith, Ronald Leslie	Homewood, Illinois	Economics
Speer, Robert James	Park Ridge, Illinois	Economics
Stephenson, Ralph Elwin	Moline, Illinois	Speech
Stillwell, Harriet	Hannibal, Missouri	Psychology
Syrett, James Allen	Jennings, Missouri	Economics
Tovo, Jerome Charles	Latrobe, Pennsylvania	Speech
Trnka, Joan Lucile	Chicago, Illinois	History
Urie, Robert Milton	Monmouth, Illinois	Psychology
Wasson, Joe Keith	Monmouth, Illinois	Chemistry
Webb, Anna Kathleen	Tulsa, Oklahoma	Bible
Weber, Peter Starr	San Carlos, California	Economics
Wigant, Wilbur Dean	Joy, Illinois	Physical Ed.
Wolf, Marjorie Jane	Pittsburgh, Pennsylvania	Physical Ed.
Woods, John Walter	Earlville, Illinois	Economics
Yarde, Robert Garth	Viola, Illinois	History

SOPHOMORES

Name	Home Address	Major
Aberlin, Hedy Barbara	Grayslake, Illinois	English
Ahrens, Sally Aline	Mechanicsville, Iowa	Education
Anable, Patricia	Steger, Illinois	
Anderson, Carl William	Elmwood Park, Illinois	Chemistry
Anderson, Carole Jean	LaMoille, Illinois	
Anderson, Richard Lee	Seaton, Illinois	Physics
Ascher, Mary Louise	Winnebago, Illinois	Physical Ed.
Baggs, Carol Ann	Metamora, Illinois	

Ball, William Dale	Evergreen Park, Illinois	Physics
Barclay, Elizabeth McMurray	Pittsburgh, Pennsylvania	English
Bardelmeier, David Jon	Edwardsville, Illinois	Economics
Barnett, Gary Lynn	Monmouth, Illinois	Sociology
Becker, Carl Richard	Madison, Wisconsin	Speech
Bergstrom, Carl Raymond	Bellwood, Illinois	Physics
Bergstrom, David Paul	Chicago, Illinois	Latin
Bernklau, Lorraine Shirley	Chicago, Illinois	Biology
Beveridge, Donald Reid	Monmouth, Illinois	Physics
Beveridge, Dorothy Jean	Monmouth, Illinois	English
Beyerle, John Franklin	Kewanee, Illinois	Psychology
Bilderback, Robert Douglas	Galesburg, Illinois	
Blair, Harold Theodore, Jr.	Chagrin Falls, Ohio	Physics
Blinstrup, Bart	Palos Park, Illinois	Biology
Bowen, Robert Francis	Oak Park, Illinois	Economics
Brello, Charles Roland	Homewood, Illinois	Geology
Brooks, Ada Lucile	Monmouth, Illinois	Biology
Brown, Terrence Henry	Jennings, Missouri	
Calhoun, Gerald Dean	Bushnell, Illinois	Economics
Candor, Larry Thomas	Aledo, Illinois	Chemistry
Carstens, John	Chicago, Illinois	Physics
Cassells, William Walker	Chicago, Illinois	Geology
Chilcott, Sylvia Ann	Harvey, Illinois	English
Coltrin, Paul Richard	Peoria, Illinois	Physics
Colwill, John Arthur	Creston, Illinois	Economics
Conway, Mary Ann	Kirkwood, Illinois	
Cook, Player Eugene	Chillicothe, Illinois	Mathematics
DeMetrovich, Margo Ann	Indianapolis, Indiana	
Dillow, Joann Mardelle	Elgin, Illinois	English
Dixon, Don G.	Burlington, Iowa	History
Dixon, Sharon Leslie	Oquawka, Illinois	Economics
Dobbins, Lee Dean	Peoria, Illinois	Mathematics
Dodder, Robert Edward	Letts, Iowa	Speech
Doty, Charles B.	Chicago, Illinois	Chemistry
Downie, Mary Janet	Deleware, Ohio	English
Dugan, Kathryn Ida	Oak Park, Illinois	
Dunlap, Diane Willis	Chicago, Illinois	Home Economics
Dunwoody, Joslyn Merrie	Broadview, Illinois	
Earp, Judith Ann	Green Bay, Wisconsin	
Eberts, Allen Foster	Evanston, Illinois	Physics
Erickson, Elaine Louise	Monmouth, Illinois	
Evermon, John Wendell	Princeton, Illinois	Engineering
Farmer, Margaret Ann	Monmouth, Illinois	
Farris, John Edward	Cuyahoga, Falls, Ohio	Philosophy
Feurer, Russell Eugene	Marion, Illinois	Biology
Fick, Suzanne Esther	Oak Park, Illinois	Biology
Foster, Rae Ellen	Blue Island, Illinois	
Francis, George Albert	Cincinnati, Ohio	
Francis, Helen Lee	Kirkwood, Illinois	Physical Ed.
Fraser, Sally Jean	Appleton, Wisconsin	Biology
Getty, Barbara Ann	Mechanicsville, Iowa	Geology
Gibson, John William	Clarendon Hills, Illinois	Engineering
Gibson, Melvin Richard	Aledo, Illinois	Physics
Graham, Carole Jean	Davenport, Iowa	Chemistry
Green, Dorothy Marie	Cameron, Illinois	Biology
Hall, Gene Harlan	Danville, Illinois	Physics

Halliday, Sandra Jean	Lake Forest, Illinois	Physical Ed.
Hamilton, JoEllen	Monmouth, Illinois	History
Hansen, Shirley Juanita	Stanwood, Iowa	
Harkness, Sarah Anne	Grayslake, Illinois	History
Henderson, Edwin Criss	Chillicothe, Illinois	Chemistry
Henry, Jack William	Eagle Grove, Iowa	Chemistry
Hickerson, Patricia Louise	Galesburg, Illinois	
Hilgenberg, Vernon Edward	Forest Park, Illinois	
Hill, William Donald	Sparta, Illinois	Physics
Hilsenhoff, Nancy Kay	Monmouth, Illinois	
Hincker, Richard George	Oak Park, Illinois	Philosophy
Hofer, Robert James	Seaton, Illinois	Chemistry
Holden, John Philip	Wichita, Kansas	
Honath, Edgar Warren	Brookfield, Illinois	Physics
Hottel, Marvin Eugene	Monmouth, Illinois	Physics
Houdek, Roger James	Elgin, Illinois	Physics
Janes, Nancy	Evanston, Illinois	Home Economics
Jernigan, Miriam Lola	Chicago, Illinois	
Johnsen, Karen Helene	Niles, Illinois	
Johnson, David Gunnard	Chicago, Illinois	Latin
Johnson, Robert Carl	Chicago, Illinois	English
Jones, Sandra Lee	Homewood, Illinois	
Kerr, George William	Chicago, Illinois	History
Killeen, Edward Stephen	Oak Lawn, Illinois	Chemistry
King, Elizabeth Ann	Hannibal, Missouri	Spanish
Klahre, Helen Virginia	Evanston, Illinois	
Knapp, Margaret Ann	Newton, Iowa	
Knox, Alvin DuWyanne	Monmouth, Illinois	Economics
Krebs, Judith Bernice	Chicago, Illinois	Spanish
Kulm, LaVerne Duane	Springfield, Illinois	Physics
Lang, Mary Ellen	Virginia, Illinois	
LaVigne, Warren Paul	Broadview, Illinois	Chemistry
Linder, Sandra Rouse	Rock Island, Illinois	
Littler, Ellen Catherine	Libertyville, Illinois	
Loveless, Mark Edwin	LaGrange, Illinois	Physical Ed.
Lyke, Clarence Earl	Harvey, Illinois	Sociology
McBean, Sharon Elizabeth	Park Ridge, Illinois	
McBride, Ernest Jennings	Waterloo, Iowa	Geology
McClelland, Eleanor	Monmouth, Illinois	Biology
McCormick, Marian	Moline, Illinois	Biology
McFadden, George Michael	Oak Lawn, Illinois	Physics
McGaan, Dean Bailey	Altona, Illinois	Bible
McKee, Bernard Burrell	Waterloo, Iowa	
Marshall, Georgia	Webster Groves, Missouri	
Melvin, Melissa Jane	Monmouth, Illinois	English
Meyer, Joseph Harris	Piqua, Ohio	Government
Miller, Karl Edward	Freeport, Illinois	Chemistry
Miller, Raymond Lee	Murphysboro, Illinois	Physical Ed.
Milstead, Bert Arlen	Forest Park, Illinois	Spanish
Mitchell, Oliver Luther, III	Oak Park, Illinois	Chemistry
Mitchell, Robert John	Clarendon Hills, Illinois	Chemistry
Montgomery, Richard Wesley	Palatine, Illinois	Bible
Morgan, Judith Ann	Ferguson, Missouri	Education
Morton, James Herman	Chicago, Illinois	English
Moseley, Thomas Allen	Mt. Vernon, Ohio	Economics
Murphy, Carole Louise	Palos Park, Illinois	

Nelson, John Edward	Aledo, Illinois	
Nevius, Nancy Lynn	Galesburg, Illinois	Speech
Nowlan, Janice Harriet	LaFayette, Illinois	Physical Ed.
Nunnikhoven, John Arthur	Burlington, Iowa	Chemistry
Oetjen, Barbara	Evanston, Illinois	
Olson, John Richard	Chicago, Illinois	Chemistry
Olson, Wesley Leland	Monmouth, Illinois	Education
Ostrom, Jerry John	West Allis, Wisconsin	
Painter, Kenneth Wyvern	Monmouth, Illinois	
Patton, Robert Grimes	West Allis, Wisconsin	Chemistry
Peasley, Nancy Lou	Stronghurst, Illinois	
Peterson, Beverly Ann	Batavia, Illinois	Home Economics
Phillips, Gary Arlen	Cuba, Illinois	Physical Ed.
Pierce, Roger Lee	Monmouth, Illinois	Chemistry
Pilcher, Harriet Katherine	Cameron, Illinois	
Poore, Richard James	Reedsburg, Wisconsin	Philosophy
Raschke, David Lee	Bradford, Illinois	Physics
Ray, David Carr	Berwick, Illinois	
Reimers, Thomas Edward	Moline, Illinois	Economics
Rice, Ronald Ross	Chicago, Illinois	Chemistry
Richard, William David	Elmhurst, Illinois	Chemistry
Robertson, Alexander Morrison	Park Ridge, Illinois	Physics
Roehm, Helen Elizabeth	Eureka, Illinois	
Runyan, Robert Roland	Bushnell, Illinois	
Sbalchiero, Gene James	Chicago, Illinois	Biology
Schleich, Victoria Ann	Avon, Illinois	Speech
Schluter, Robert Wyman	Moline, Illinois	Economics
Schmidt, Henry John	River Grove, Illinois	Government
Schneider, Marilyn Carol	Park Ridge, Illinois	Home Economics
Schroeder, Marjorie Joan	Princeton, Illinois	Biology
Schwagmeyer, James Donald	Peoria, Illinois	Bible
Scott, Leonard Eugene	Monmouth, Illinois	Chemistry
Shaver, Eric Phillip	Monmouth, Illinois	Education
Shaw, James Richard	Monmouth, Illinois	Economics
Sheppstrom, Mary Ellen	Viola, Illinois	
Shoemaker, Blaine Earl	Aledo, Illinois	Physics
Sims, James Thomas	Seaton, Illinois	Physics
Slaughter, George Russell	Monmouth, Illinois	Physics
Sloan, Richard	Evanston, Illinois	Physical Ed.
Smith, Frank Sherwood	Belvidere, Illinois	Philosophy
Smith, Gayle Gerald	Coal Valley, Illinois	Economics
Smith, Roger Alan	Wilmington, Delaware	Bible
Smith, Virginia May	Glen Ellyn, Illinois	
Sprout, Carolyn Eilene	Monmouth, Illinois	
Stewart, Patricia Ann	Washington, Iowa	
Stoddard, Donna Louise	Oak Park, Illinois	Home Economics
Stripe, Sheryl Anne	Monmouth, Illinois	History
Swarthout, Janet	Stockton, California	Biology
Swygard, William Lester	Monmouth, Illinois	Chemistry
Tait, Joseph Howard	Amboy, Illinois	
Telford, Harriet Andree	DeKalb, Illinois	Biology
Tennyson, Joyce Ann	St. Louis, Missouri	
Thomas, Michael Avers	Stoughton, Wisconsin	Physics
Underwood, Martha Joyce	Monmouth, Illinois	
Urie, Andrew John	Craftsbury Common, Vt.	
Vellenga, Dorothy Dee	New Concord, Ohio	Biology

Vellenga, Sally Ann	Monmouth, Illinois	
Volk, Patricia Darlyn	Davenport, Iowa	
Wallace, William Thomas, Jr.	Batavia, Illinois	Chemistry
Wallgren, Gwen Eunice	Palatine, Illinois	
Welch, Dean Earl	Seaton, Illinois	Chemistry
Wendling, Frank Joseph	Evergreen Park, Illinois	Biology
Wetzel, Robert Arthur	Edwardsville, Illinois	
White, Carolyn Florence	Homewood, Illinois	Chemistry
Wiegel, Gary Lee	Orion, Illinois	Economics
Willhardt, Gary Dean	Washington, Illinois	
Willing, David Nelson	Aurora, Illinois	Chemistry
Wilson, James Donald	Monmouth, Illinois	Chemistry
Windish, Larry Eugene	Yates City, Illinois	Chemistry
Young, Dorothy Grace	Traer, Iowa	English
Zorn, April Bridget	Ingleside, Illinois	Speech

FRESHMEN

Name	Home Address
Acheson, Nancy Eva	Western Springs, Illinois
Adamaitis, Laura Belle	Chicago, Illinois
Akerman, Max	Dixon, Illinois
Anderson, Bruce Adrian	Palatine, Illinois
Anderson, Christine Eve	Mundelein, Illinois
Arnold, Lewis Beal	Winslow, Illinois
Atherton, Norman Scott	Earlville, Illinois
Avery, Gerald Howard	Kirkwood, Illinois
Baer, Roberta Christine	Bushnell, Illinois
Baird, Patricia Ann	Monmouth, Illinois
Barr, Rebecca Comstock*	Albert Lea, Minnesota
Baue, Raymond Charles	Coulterville, Illinois
Bell, Charles Gilbert	Stronghurst, Illinois
Bostwick, Clare Ann	Harvey, Illinois
Bradford, Mary Katherine	Beloit, Wisconsin
Brown, Jack Breckenridge	Hannibal, Missouri
Brown, Richard Henry	North Arlington, New Jersey
Brundage, Fred Leroy	Oak Park, Illinois
Bryden, Carol Ann*	Loves Park, Illinois
Buda, Dennis Charles	Oak Lawn, Illinois
Bullard, Mary Jane	Poplar Grove, Illinois
Cagle, Gary Ray*	Aledo, Illinois
Carr, Shirley Joan	Avon, Illinois
Carrell, Terry	Monmouth, Illinois
Carson, Willard Wayne*	Nampa, Idaho
Charvat, Sally Diane*	Decatur, Illinois
Cheetham, Thomas Gordon	Decatur, Illinois
Christiansen, June Edith*	Chicago, Illinois
Conner, Connie	Galesburg, Illinois
Cook, Gretchen Marie*	Chicago, Illinois
Cooper, Robert Lee	Viola, Illinois
Craig, Glenna Jean	Pasadena, California
Csavas, Zoltan	Hungary
Cummings, James Roger	Monmouth, Illinois
Davis, Carolyn Jean*	Monmouth, Illinois
Davis, Thomas Orville	Big Rock, Illinois
Deen, Jon Lowell	Monmouth, Illinois

Denniston, Donn Homer	Newton, Iowa
Derrick, Nancy Christine	Buffalo, New York
Dieckman, George Dwight	University City, Missouri
Divinsky, Barbara Ann*	Chicago, Illinois
Dixon, Charles Loren	Monmouth, Illinois
Doan, Dale Jonathon	Aledo, Illinois
Doeden, Jon Wendel	Oregon, Illinois
Doi, Momoko*	Ashiya, Japan
Dresmal, Arlene Mary	Arlington Heights, Illinois
Duncan, Sherrill Keith	Salem, Illinois
Dunstan, Mary Jane	Lake Forest, Illinois
Edson, Darrell Willis	Oscoda, Illinois
Eklin, Julia Ann	Salinas, California
Elwell, James Martin	Canton, Illinois
Engel, Robert Joseph	Chicago, Illinois
Ensminger, Mary Sue	Naperville, Illinois
Feiertag, Thomas Harold	Marengo, Illinois
Ferguson, Karl Ermel	Watseka, Illinois
Fisher, Richard Rex	Park Ridge, Illinois
Flint, Carole Mary	Chicago, Illinois
Foens, Robert William	Davenport, Iowa
Frantz, Frederick Harold	Denver, Colorado
Frazier, Thomas Blair	Fremont, Ohio
Gamer, Robert Emanuel*	Monmouth, Illinois
Gamsby, Carol Ann	Essex Junction, Vermont
George, Wilford Dean	Monmouth, Illinois
Getty, Nancy Jane	Mechanicsville, Iowa
Glanville, Sandra Corinne	Park Ridge, Illinois
Glotsfelty, Jack James	Oregon, Illinois
Griffith, Ralph B.	Chicago, Illinois
Grove, Judson Theodore	Mt. Carroll, Illinois
Grummitt, David Allen	Chicago, Illinois
Hall, Ruth Melinda	Pasadena, California
Hamilton, Janet Elaine	Monmouth, Illinois
Hanrahan, James Edward, Jr.	Jennings, Missouri
Hansen, Judith Elaine	Western Springs, Illinois
Hansen, Milford Scott	Afton, Missouri
Harlan, Willard Linus*	Dunlap, Illinois
Hayes, James Lamar	Chicago, Illinois
Hellison, Donald Raymond	Elmhurst, Illinois
Herriott, William Irving	Chicago, Illinois
Hild, Charles Conrad	Chicago, Illinois
Hill, Marjorie Anne	Evanston, Illinois
Hoffman, Alan J.	Moline, Illinois
Hoover, Jacqueline Adelle	Chicago, Illinois
Hopperstad, Sandra Kay	Capron, Illinois
Howver, Wilbur Keith	Monmouth, Illinois
Hoy, Dennis Lee	Monmouth, Illinois
Huber, Lawrence Raymond	Cincinnati, Ohio
Hull, Carolyn Jane	Chicago, Illinois
Hutchinson, Karen Louise*	Batavia, Illinois
Irelan, Judith Louise*	Dayton, Ohio
Jaeger, Roger Walter	Lindenwood, Illinois
Johnson, George William	Chicago, Illinois
Johnson, Kenneth Charles	DeKalb, Illinois
Kelley, Janet Cleghorn*	Ferguson, Missouri

Kemmerer, Carol Yvonne*	Waterloo, Iowa
Kenning, Jack Charles	Pittsburgh, Pennsylvania
Kletzien, Wayne Roger	Walnut, Illinois
Kniss, Robert Dean	Monmouth, Illinois
Knuth, Annette Virginia	Chicago, Illinois
Koerwitz, Barbara Ruth	Park Ridge, Illinois
Kuhn, Lawrence Lee	Pittsburgh, Pennsylvania
Lamb, Judith Virginia*	Chicago, Illinois
Larson, Audrey Diane	Round Lake, Illinois
Lee, Nancy Carolyn	Marissa, Illinois
Lefort, Richard Arthur	Monmouth, Illinois
LeRoy, Edward Charles	Chillicothe, Illinois
Link, Charles Edward	Peru, Illinois
Lipe, Peter Raleigh	Chicago, Illinois
Lohner, Paul Leonard	LaGrange, Illinois
Long, Janet Faith	Monmouth, Illinois
Love, Linda Elizabeth*	Des Plaines, Illinois
McBride, William Thornhill	Pittsburgh, Pennsylvania
McConnell, David Bruce*	LaGrange, Illinois
McCulloch, Robert Charles	Gunnison, Colorado
McDearmon, James Lawrence	Mt. Carroll, Illinois
McIver, John Peter	Chicago, Illinois
McKay, Orville Dee	Aledo, Illinois
McKelvey, William Warren	Gurdaspur, Punjab, India
McRae, Jean Anne	Park Ridge, Illinois
Macari, Carol Ann*	Peoria, Illinois
Martin, Leon Stanbridge	Chicago, Illinois
Melendez, Ramon	Naguabo, Puerto Rico
Mertz, Dorothy Ann	Wheaton, Illinois
Meyer, Karen Marie	Oak Park, Illinois
Mighell, Howard Leroy	Dixon, Illinois
Miller, Janet Kay*	Denver, Colorado
Mitchell, Martha Lee	Oak Park, Illinois
Mohler, Judith Ann	Park Ridge, Illinois
Moore, Susan Miriam	Chicago, Illinois
Morefield, William Merritt	Monmouth, Illinois
Morrison, Kenneth William, Jr.	Chicago, Illinois
Mount, Louise Emily	Evanston, Illinois
Mrvicka, Lynn Matie	Downers Grove, Illinois
Mueller, Kenneth Dale	Dixon, Illinois
Munro, Andrew Mitchell	Clydebank, Scotland
Nehmer, Bruce Donald	Ingleside, Illinois
Nelson, Donald Martin	Indianapolis, Indiana
Nelson, James W.	Chicago, Illinois
Newburg, Charles Frederick	Rockford, Illinois
Nordlund, Barbara Kay*	Xenia, Ohio
Nordquist, John Edwin, Jr.	Chicago, Illinois
Noton, Ronald Edwin*	Hanover, Illinois
Nyman, Arnold Sigurd	Evergreen Park, Illinois
O'Brien, Ronald James	Monmouth, Illinois
Oliver, Kathryn Frances	Kewanee, Illinois
Oliver, Nancy Jayne	Gary, Indiana
Penney, John M.*	Chicago, Illinois
Perl, Frederick Edward	Oshkosh, Wisconsin
Peterson, Alvin Thurston	Oak Park, Illinois
Peterson, Norma Joan	Elmhurst, Illinois

Pfaeffle, Walter	Goeppingen, Germany
Pine, Louis Patrick	Monmouth, Illinois
Prais, Earl Edward	Elmhurst, Illinois
Purper, Janet Carolyn	Chicago, Illinois
Rassieur, Charles Leo	Des Moines, Iowa
Reinsberg, Robert George	Evanston, Illinois
Renwick, Galen Arthur	Bushnell, Illinois
Rhea, Harry William	Monmouth, Illinois
Rhodenbaugh, William Duane	Orion, Illinois
Riggs, Ralph Lee	Chicago, Illinois
Rohr, Donald Keith	Alexis, Illinois
Sanders, Robert LeRoy	Earlville, Illinois
Sanders, Warren Allen	Earlville, Illinois
Sandine, Clifford	Chicago, Illinois
Sands, Donald David	Monmouth, Illinois
Sash, Donald Keith	Tiskilwa, Illinois
Schilthuis, Joan Barbara	Portland, Oregon
Schindewolf, Andrew Herbert	Skokie, Illinois
Schneider, Jean Marie*	Elgin, Illinois
Schramm, Sandra Lee	Elgin, Illinois
Scott, Rolland Wayne	Monmouth, Illinois
Slaughter, Adin Earl	Monmouth, Illinois
Slebos, Anita Louise*	Chicago, Illinois
Smith, Mary Ann	Kirkwood, Illinois
Smith, Roger Enos*	Bushnell, Illinois
Smith, Sara Chesney*	Hannibal, Missouri
Sommers, Janette Elaine	Kimball, Minnesota
Sours, Floyd	Pekin, Illinois
Sprout, Allan Graham	Monmouth, Illinois
Stafford, Judith Anne*	Chicago, Illinois
Stankrauff, Jack Bogue	Mount Morris, Illinois
Stanley, James Lee	Oak Park, Illinois
Stephens, Ronald Everett	Dixon, Illinois
Stevenson, William Richard	River Edge, New Jersey
Suchy, JoAnn Rita*	Elmhurst, Illinois
Sundberg, Karen	Avon, Illinois
Szatmary, Alexander Leslie	Hungary
Teschke, Lorraine Joanne	Elmhurst, Illinois
Thompson, Susan Elizabeth	Lafayette, Indiana
Thomson, Patricia Mildred	Madison, Wisconsin
Thor, Daniel Einar	Aledo, Illinois
Thurlwell, Shirley Mae	McHenry, Illinois
Toal, Ann Therese	Monmouth, Illinois
Tornquist, John Earl	Elmhurst, Illinois
Travelstead, Thomas Lee	Libertyville, Illinois
Trevor, Keith Michael	Monmouth, Illinois
Tueckes, Janice Anne	Davenport, Iowa
Vail, Andrew Daniel	St. Louis, Missouri
Van De Heede, Roger Rene	Silvis, Illinois
Van Natta, Nancy Jeanne	Park Ridge, Illinois
Volz, Carl George	St. Louis Missouri
Wagenknecht, John Henry*	Ainsworth, Iowa
Walker, David Samuel	Aledo, Illinois
Walters, Raymond Willard	Villa Park, Illinois
Watson, Judith Lucille	Oak Park, Illinois
Weckwert, Louis Arthur	Chicago Heights, Illinois

Welker, Bruce Marvin	River Forest, Illinois
Wentland, Edward Carl	Westchester, Illinois
Wherry, Richard Platt	Pekin, Illinois
White, Charles Frederick*	Peoria, Illinois
White, Patricia Ann	Monmouth, Illinois
Whitmore, William George	Pittsburgh, Pennsylvania
Wild, Daniel Ross*	Cuba, Illinois
Williams, Carolyn Joyce	Walnut, Illinois
Willman, Gary Lee*	Keithsburg, Illinois
Winebrenner, Ronald Eugene	Sycamore, Illinois
Wirth, Donald Frederick	River Forest, Illinois
Wooldridge, Zoe Emily*	Ursa, Illinois
Wooton, Constance Arline	Batavia, Illinois
Wright, Jack Ray	Galesburg, Illinois
Yeck, George Lee	Coraopolis, Pennsylvania
Young, Gordon Kay	Ellisville, Illinois
Young, Robert John	Monmouth, Illinois
Zugschwerdt, Karen Ann*	Mt. Carroll, Illinois

* Honors-at-Entrance Students.

MUSIC STUDENTS

Note—This list includes all Music Students except those listed elsewhere as college students.

Name	Home Address
Adkisson, Mrs. Jane	Kirkwood, Illinois
Bass, Barbara Ann	Monmouth, Illinois
Bersted, Debbie	
Biddle, Sharon	Monmouth, Illinois
Bowman, Gay	Monmouth, Illinois
Bowman, Patty	Monmouth, Illinois
Bowman, Polly	Monmouth, Illinois
Bowman, Sally	Monmouth, Illinois
Campbell, Billie	Monmouth, Illinois
Conway, Carol Sue	Monmouth, Illinois
Conway, Joyce	Monmouth, Illinois
Creswell, Alis	Monmouth, Illinois
Creswell, Carolbel	Monmouth, Illinois
Creswell, John	Monmouth, Illinois
Dixon, Michael	Monmouth, Illinois
Dossey, Marilyn	Monmouth, Illinois
Dunn, Steve	Monmouth, Illinois
Erickson, Dwight	Monmouth, Illinois
Gibson, Esther	Monmouth, Illinois
Hanson, Jane	Monmouth, Illinois
Hanson, Jeff	Monmouth, Illinois
Henry, David	Monmouth, Illinois
Hixson, Susan	Monmouth, Illinois
Hixson, William	Monmouth, Illinois
Hooper, Skip	Monmouth, Illinois
Hutchinson, Linda	Monmouth, Illinois
Jensen, Betsy	Monmouth, Illinois
Jensen, Eric	Monmouth, Illinois
Johnson, Sally	Monmouth, Illinois
Killey, Linda	Monmouth, Illinois
Kobler, Linda	Monmouth, Illinois

Leinbach, Carol
 Long, Nancy,
 Loya, Karin
 McConnell, Tommy
 McLoskey, Mary Alice
 Marshall, Jane
 Marshall, John
 Mason, Lynn
 Mason, Mickey
 Nelson, Jack
 Pape, Bonnie
 Pape, Cheryl
 Pogue, Nancy
 Pogue, Robert
 Poorman, Phil
 Powell, Mary Lou
 Prugh, Carolyn
 Prugh, Richard
 Quast, Barbara
 Runde, Keith
 See, Sandra
 Shelton, Phyllis
 Smith, Nancy
 Stanton, Fred
 Stanton, Rusty
 Stanton, Shaila
 Stauth, Michael
 Sundquist, Judy
 Swanson, Douglas
 Turnbull, Christine
 Watson, Billy
 Watson, Kevin
 Weaver, Susan
 Welch, Debbie

Monmouth, Illinois
 Monmouth, Illinois
 Monmouth, Illinois
 Gerlaw, Illinois
 Monmouth, Illinois
 Monmouth, Illinois
 Monmouth, Illinois
 Little York, Illinois
 Little York, Illinois
 Little York, Illinois
 Kirkwood, Illinois
 Kirkwood, Illinois
 Media, Illinois
 Media, Illinois
 Monmouth, Illinois
 Roseville, Illinois
 Monmouth, Illinois
 Monmouth, Illinois
 Monmouth, Illinois
 Monmouth, Illinois
 Monmouth, Illinois
 Media, Illinois
 Kirkwood, Illinois
 Monmouth, Illinois
 Monmouth, Illinois
 Monmouth, Illinois
 Monmouth, Illinois
 Monmouth, Illinois
 Monmouth, Illinois
 Little York, Illinois
 Little York, Illinois
 Monmouth, Illinois
 Monmouth, Illinois

SPECIAL STUDENTS

Name
 Bryant, Aileen Sherman
 Carlson, Ruby Lease
 Carlson, Thelma
 Carson, Winifred Walters
 Clements, Leon Scott
 Connors, Helen V.
 Friend, Mary Izola
 German, Pearl Marie
 Giles, Kenneth R.
 Gridley, Emma W.
 Hawcock, Emory
 Helms, Mary Evelyn
 Hilsenhoff, Frances
 Hurley, Richard Anthony
 Johnson, Helen Seivers
 Johnson, Mary Smith
 Kelly, Lorene E.

Home Address
 Kirkwood, Illinois
 Media, Illinois
 Monmouth, Illinois
 Little York, Illinois
 Kirkwood, Illinois
 Monmouth, Illinois
 Monmouth, Illinois
 Altona, Illinois
 Monmouth, Illinois
 Biggsville, Illinois
 Monmouth, Illinois
 Monmouth, Illinois
 Monmouth, Illinois
 Roseville, Illinois
 Seaton, Illinois
 Biggsville, Illinois
 Monmouth, Illinois

Kniss, Ethel Rodgers	Monmouth, Illinois
Lynch, Katheryn Claire	Monmouth, Illinois
McClelland, Emily E.	Monmouth, Illinois
McKelvey, Arminta C. Wray	Seaton, Illinois
Malley, Edna C.	Monmouth, Illinois
Platt, Herman	Monmouth, Illinois
Robison, Hazlitt Cooke	Monmouth, Illinois
Ryan, Jack Roscoe	Monmouth, Illinois
Spence, Charlene A.	Monmouth, Illinois
Swisher, Ellen Louise	Monmouth, Illinois
Thomas, Julia Everett	Kirkwood, Illinois
Vance, Inez D.	Seaton, Illinois
Van Tine, Estella M.	Monmouth, Illinois
Virden, Mary Alice	Monmouth, Illinois
Whiteman, Elsie Glenn	Little York, Illinois
Willson, Roberta Brownlee	Monmouth, Illinois
Wilson, Myrtle Mildred	Monmouth, Illinois
Yamanaka, Shoji	Kyoto, Japan

STUDENTS SUMMER SESSION, 1956

Name	Home Address
Ackman, Charles	Marengo, Illinois
Alden, John	Avon, Illinois
Ameen, Albert, Jr.	Monmouth, Illinois
Banjoy, Blanche	New Boston, Illinois
Bodeen, Harold	Smithshire, Illinois
Bondurant, James	Kirkwood, Missouri
Bush, Delbert	Monmouth, Illinois
Christensen, William Jr.	Monmouth, Illinois
Conway, Mary Ann	Kirkwood, Illinois
Corrigan, Charles	Marseilles, Illinois
Crank, John	Braymer, Missouri
Davis, Virgil	Aledo, Illinois
DeDera, Roger	Riverside, Illinois
Doty, William	Monmouth, Illinois
Drees, Richard	Wauwatosa, Wisconsin
Fitzpatrick, Roger	Winnnetka, Illinois
Frieden, Catherine	Aledo, Illinois
Frisbie, Ralph	Monmouth, Illinois
Gongwer, Howard	Monmouth, Illinois
Grand, Irving	Chicago, Illinois
Greene, William	Speer, Illinois
Hamilton, Jo Ellen	Monmouth, Illinois
Harter, Ellis	Wenona, Illinois
Hawcock, Emory	Monmouth, Illinois
Holmes, Grace	Galesburg, Illinois
Hottel, Marvin	Monmouth, Illinois
Houston, Coy	North Henderson, Illinois
Hoy, Dennis	Monmouth, Illinois
Hull, LaDonna	Monmouth, Illinois
Hurley, Carole	Roseville, Illinois
Irey, Anne	Monmouth, Illinois
Johnson, Helen	Seaton, Illinois
Johnson, Lowell	Galesburg, Illinois

Johnson, Mary	Biggsville, Illinois
Jones, Donald	St. Louis, Missouri
Killey, William	Monmouth, Illinois
Kniss, Ethel	Monmouth, Illinois
Knox, DuWayanne	Monmouth, Illinois
Lyford, John	Monmouth, Illinois
McBride, Betty	Monmouth, Illinois
McKee, Robert	Monmouth, Illinois
McKelvey, Arminta	Seaton, Illinois
McPeck, Beth	Stockton, Illinois
Massingill, Dorothy	Berwick, Illinois
Mooney, Maude	Galesburg, Illinois
Muir, William	Chicago, Illinois
Munneke, Katherine	Monmouth, Illinois
Nevius, Nancy	Galesburg, Illinois
Nichol, Charles	Monmouth, Illinois
Orndoff, Charles	Keokuk, Iowa
Paul, James	Gilman, Iowa
Pierce, Roger	Monmouth, Illinois
Platt, Sally	Monmouth, Illinois
Quigley, Mary Ann	Galesburg, Illinois
Rader, Wayne	Monmouth, Illinois
Ray, Shirley	Monmouth, Illinois
Riggle, Robert	Monmouth, Illinois
Robison, Hazlitt	Monmouth, Illinois
Robison, Lily	Aledo, Illinois
Seps, Donald	Galesburg, Illinois
Shaw, James	Monmouth, Illinois
Simon, David	Monmouth, Illinois
Simpson, Marcia	Monmouth, Illinois
Spirakes, Robert	Chicago, Illinois
Sprout, Carolyn	Monmouth, Illinois
Swanson, Janice	Monmouth, Illinois
Thornburg, Jo Ella	Monmouth, Illinois
Tinder, Marlene	Monmouth, Illinois
Travis, Donald	Monmouth, Illinois
Underwood, Martha Joyce	Monmouth, Illinois
Urie, Robert	Monmouth, Illinois
Vandervort, Margaret	Kirkwood, Illinois
Viriden, Mary Alice	Monmouth, Illinois

SUMMARY OF ENROLLMENT

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Seniors	85	49	134
Juniors	71	46	117
Sophomores	112	79	191
Freshmen	139	84	223
Specials	7	28	35
	<hr/>	<hr/>	<hr/>
Total	414	286	700
Summer Session 1956	42	31	73
Music Students	32	63	95
	<hr/>	<hr/>	<hr/>
Total	488	380	868
Duplicates	37	40	77
	<hr/>	<hr/>	<hr/>
Net Total	451	340	791

GEOGRAPHICAL ENUMERATION OF THE COLLEGE

	1955-1956	1956-1957
1. Arizona	1	1
2. California	6	6
3. Canada	3	0
4. Colorado	5	4
5. Delaware	1	1
6. Germany	0	1
7. Hungary	0	2
8. Idaho	1	1
9. Illinois	565	563
10. India	0	1
11. Indiana	4	5
12. Iowa	32	32
13. Japan	2	2
14. Kansas	1	2
15. Maryland	1	0
16. Massachusetts	0	1
17. Michigan	3	1
18. Minnesota	0	3
19. Missouri	25	23
20. New Jersey	1	2
21. New York	4	4
22. Ohio	8	11
23. Oklahoma	1	1
24. Oregon	1	2
25. Pennsylvania	12	14
26. Puerto Rico	0	1
27. Rhode Island	1	0
28. Scotland	0	1
29. South Dakota	1	0
30. Tennessee	1	0
31. Vermont	2	3
32. Virginia	1	0
33. Wisconsin	12	12
TOTAL	695	700

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